

disturb
the peace™

Xplōd
2000



XPLÖD

FRESH INSPIRATION for anti-social BEHAVIOR.

If peace and quiet OFFEND YOU,
YOU'VE come to the right place. SONY MOBILE
presents an ALL-NEW line of XPLÖD™
IN-DASH receivers that will

RATTLE your EAR DRUMS
and DAZZLE your EYEBALLS.

Our XPLÖD amps could get music out of
a HUBCAP. And our XPLÖD speakers can
submerge entire neighborhoods in

SOUND. So go ahead.

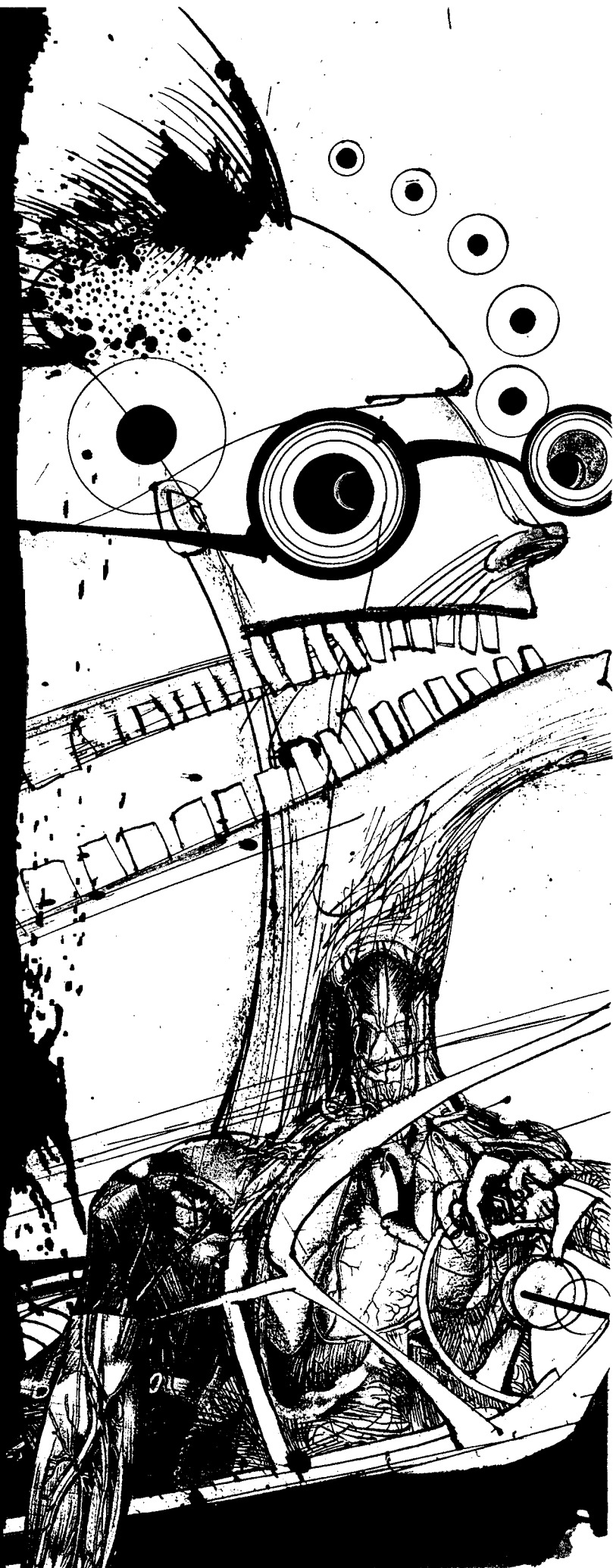
DISTURB THE PEACE™ with
SONY MOBILE

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Xplōd

SONY



CD RECEIVERS

THIS TIME
OUR ENGINEERS
HAVE GONE



CDX-M600 CD Receiver

- ▲ Sony's Active Black Panel (ABP)
- ▲ 4-color dot matrix display
- ▲ CD/MD/TV Control
- ▲ Custom File™ disc titles
- ▲ CD TEXT™ display
- 1-bit converter, CD-R playback¹⁾
- SSIR-EXA Adaptive Reception
- Station Memo™ titles
- Xplōd power: 50 w x4
- D-Bass with auto level adjust
- Front, rear & sub preamp outs
- Telephone attenuate
- ▲ Multi-language (Eng/Sp/Fr) display
- Supplied wireless remote
- Optional wired remote

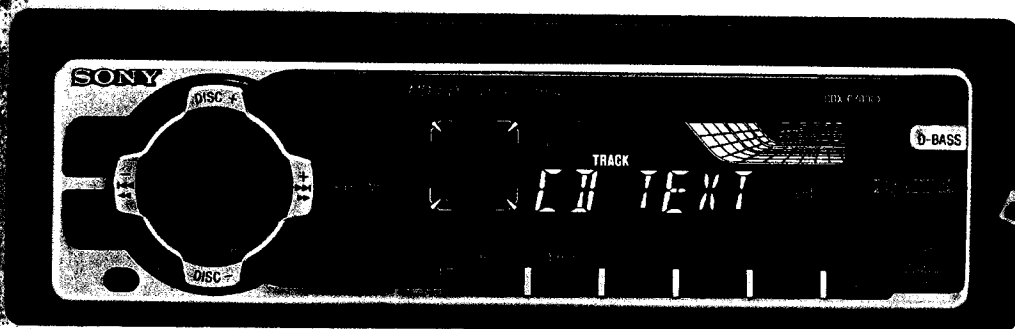
Disappearing act.
With the CDX-M600
Active Black Panel
(ABP), there's no

need to remove the faceplate. Turn the system
off and the front panel looks as if you've
already removed it—a seamless expanse
of black plastic.

How to use.
Turn the receiver on
with either remote
and it comes to life.

It sports a 4-color dot matrix display,
an 8000-color backlit dot matrix display,
and a 4000-color backlit dot matrix display.

Drop it and say
hello. Hit the
power key and the
display goes down
into sleep mode.



CDX-C7000X CD Receiver

- Flip-down detachable faceplate
- Rotary Encoder/cross-key control
- 3-color negative LCD
- CD/MD/TV Control
- Custom File disc titles
- CD TEXT display
- 1-bit converter, CD-R playback¹⁾
- SSIR-EXA Adaptive Reception
- Station Memo titles
- Xplōd power: 50 w x4
- D-Bass with auto level adjust
- ▲ Front, rear & sub preamp outs
- Telephone attenuate
- ▲ Supplied wireless remote
- Optional wired remote

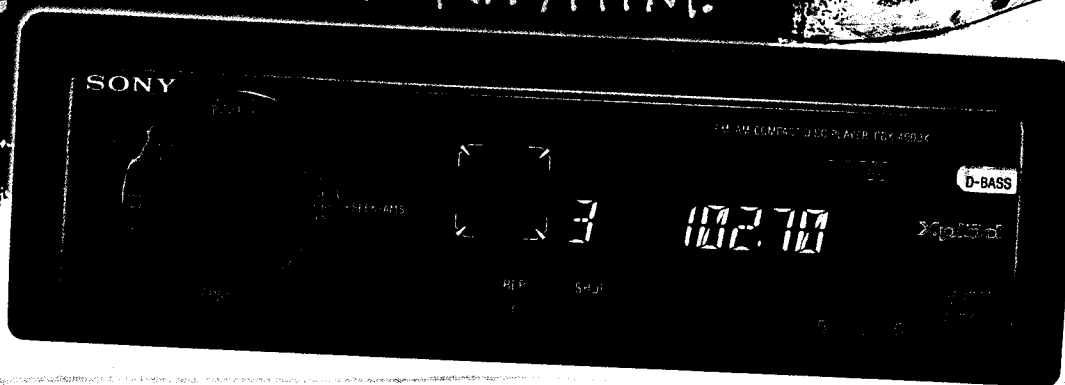


CDX-C5000X CD Receiver

- Flip-down detachable faceplate
- Rotary Encoder/cross-key control
- ▲ 3-color negative LC display
- ▲ CD/MD/TV Control
- ▲ Custom File disc titles
- CD TEXT display
- 1-bit converter, CD-R playback¹⁾
- SSIR-EXA Adaptive Reception
- Station Memo titles
- Xplōd power: 50 w x4
- D-Bass with auto level adjust
- Front & rear preamp outs
- Telephone attenuate
- ▲ Optional wireless & wired remotes

**FEATURES AND
SPECIFICATIONS SUBJECT
TO CHANGE WITHOUT
NOTICE**

TOO FAR. With new XPLÖD amplifier sections that **CRANK OUT 200 WATTS.** With an Active Black Panel that has **MORE FLASH** than a Vegas Casino. And with D-BASS reinforcement that **WILL** have your red corpuscles swimming in RHYTHM.



CDX-C4000X CD Receiver

- ▲ Flip-down detachable faceplate
- ▲ Rotary Encoder/cross-key control
- ▲ 2-color negative LCD
- ▲ CD TEXT display
- ▲ 1-bit converter, CD-R playback**
- ▲ SSIR-EXA Adaptive Reception
- ▲ Station Memo titles
- ▲ Xplöd power: 50 w x4
- ▲ D-Bass with auto level adjust
- ▲ Front & rear preamp outs
- ▲ Telephone attenuate
- ▲ Optional wired remote

CD TEXT Display. Your player can tell you the name of each song on a CD! CD TEXT information—album title, artist name and track titles—is included on many recent releases. And Sony CD TEXT models display this information right on the front panel.



CDX-1300 CD Receiver

- ▲ Full detachable faceplate
- ▲ 1-bit converter, 8x oversampling
- ▲ CD-R playback**
- ▲ SSIR-EX tuner
- ▲ 18 FM + 6 AM presets
- ▲ Best Tuning Memory
- ▲ 45 w x4 high power; rear preamp output
- ▲ D-Bass enhancement



¿Se habla español? Sony speaks your language. Selected receivers display information in your choice of English, Spanish or French.



CDX-1200 CD Receiver

- ▲ 1-bit converter, 8x oversampling
- ▲ CD-R playback**
- ▲ SSIR-EX tuner
- ▲ 18 FM + 6 AM presets
- ▲ Best Tuning Memory
- ▲ 45 w x4 high power
- ▲ Rear preamp output
- ▲ D-Bass enhancement



FEATURES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

MINI DISC RECEIVERS

Sony MINIDISC is on a roll. First came home MINIDISC decks. Then PC MINIDISC editing. Then 4x high-speed recorders. And now the MOST OUTRAGEOUS YET.

INTRODUCING the first Sony MINIDISC RECORDER FOR THE CAR!
WHAT NEXT?



MDX-C800REC
MD Recorder

- ▲ MD recording from tuner or CD changer
- ▲ Timer Recording after you park
- ▲ MD Edit to revise your discs
- ▲ Time Machine recording captures the 10 seconds of music you heard before you pressed the record button
- ▲ Dot matrix MD disc/track title display
- ▲ 40-Second Shock Resistant Memory
- 1-bit converter, 8x oversampling
- Wide bit stream processing
- ▲ CD/MD/TV control
- ▲ Digital input for CD changer
- CD TEXT & Custom File display
- SSIR-EXA tuner; Best Tuning Memory
- 18 FM, 12 AM preset stations
- Station Memo display
- Xplōd power: 50 w x4
- F/R preamp outputs
- D-Bass with auto level adjust
- Flip-down, detachable faceplate
- Rotary Encoder/cross-key control
- ▲ Dot matrix 4-color LC display
- Telephone attenuate
- ▲ Multi-language (Eng/Sp/Fr) display
- Optional wired, wireless remotes



The rolling recorder.
Want to record new music right off the air? Your car's the perfect place. Want to record from CD to MD? You can do it in your car! Sony's new car MiniDisc recorder is the easy, convenient way to personalize and customize your music.

RECORD
IN YOUR
CAR!

MDX-C6500X
MD Receiver

**FEATURES AND
SPECIFICATIONS SUBJECT
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NOTICE**



- Record personalized, digital MiniDiscs at home to play on the road
- Durable 2 1/2" disc fits in your pocket
- MD disc/track title display
- 10-Second Shock Resistant Memory
- 1-bit converter, 8x oversampling
- Wide bit stream processing
- CD/MD/TV control
- CD TEXT & Custom File display
- SSIR-EXA tuner; Best Tuning Memory
- 18 FM, 12 AM preset stations
- Station Memo display
- Xplōd power: 50 w x4
- F/R preamp outputs
- D-Bass with auto level adjust
- Flip-down, detachable faceplate
- Rotary Encoder/cross-key control
- 3-color negative LC display
- Telephone attenuate
- Optional wired, wireless remotes

MDX-65
6-MD Changer

- Easy access in glove box or console
- Direct "slot-in" loading—no magazine
- Change 5 MDs while the 6th plays
- Non-Delay Play during disc change
- See MD titles through clear acrylic door
- 10-Second Shock Resistant Memory
- Wide bit stream processing
- 8x oversampling digital filter
- 1-bit Digital-to-analog converter



MINI DISC
CHANGER

CASSETTE RECEIVERS

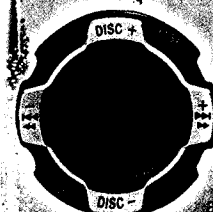
Sony has always believed in **FREEDOM of CHOICE**. That's why our cassette receivers set you free to build systems with three **MUSIC SOURCES: RADIO, CASSETTE AND COMPACT DISC**. Or get into digital recording with a system of radio, cassette and

MINI DISC

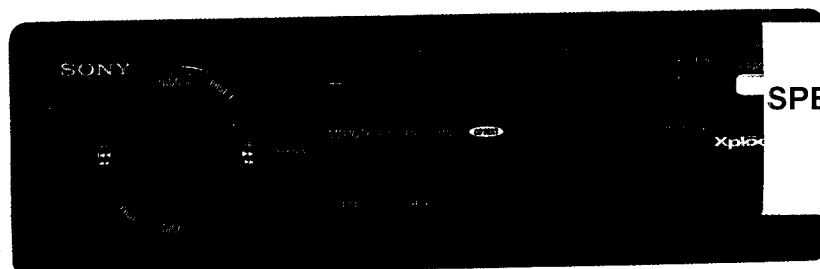


XR-C5300X Cassette Receiver

- ▲ CD/MD/TV control
- ▲ CD TEXT & Custom File display
- ▲ Full-logic cassette deck
- ▲ SSIR-EXA Adaptive Reception
- ▲ 18 FM + 12 AM presets
- Best Tuning Memory
- Rotary Encoder/cross-key control
- Xplōd power: 50 w x4
- Rear preamp output
- D-Bass with auto level adjust
- ▲ Optional wired, wireless remotes
- ▲ 3-color, negative LC display
- Red key illumination
- ▲ Flip-down detachable faceplate



Turn for the better. Here's a high-tech control you already know how to operate. Sony's Rotary Encoder is a multi-function electronic control. But you turn it just like a familiar knob. And Sony's intuitive cross-key control has disc/track/seek buttons you can operate by touch!



XR-C2300X Cassette Receiver

- CD/MD changer control
- CD TEXT & MD title display
- Rotary Encoder/cross-key control
- SSIR-EX tuner
- 18 FM + 12 AM presets
- Best Tuning Memory
- Auto Tuner Activation (ATA)
- Xplōd power: 50 w x4
- Rear preamp output
- D-Bass enhancement
- ▲ 13-segment red LC display
- ▲ Red key illumination
- Full detachable faceplate

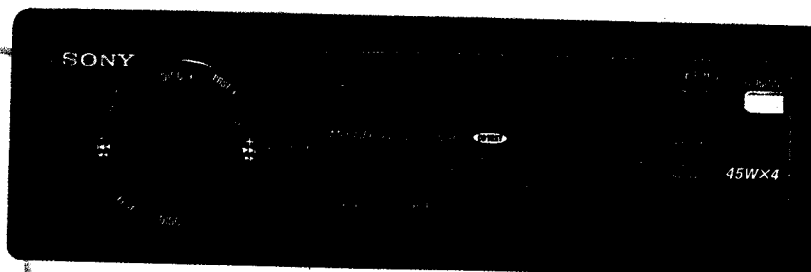
FEATURES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

red and fired. Turn it. Twist it. Push it. Each function on the optional RM-X4S red remote has its own, dedicated "feel." So you can keep your mind on the music and your eyes on the road.



XR-C2200 Cassette Receiver

- ▲ CD/MD changer control
- ▲ CD TEXT & MD title display
- ▲ Rotary Encoder/cross-key control
- SSIR-EX tuner
- ▲ 18 FM + 12 AM presets
- ▲ Best Tuning Memory
- Auto Tuner Activation (ATA)
- 45 w x4 high power
- ▲ Rear preamp output
- D-Bass enhancement
- ▲ 13-segment negative LC display
- ▲ Full detachable faceplate



XR-1100 Cassette Receiver

- Auto reverse cassette deck
- Locking Fast Forward/Rewind
- SSIR-EX tuner
- 12 FM + 6 AM presets
- Auto Memory
- Auto Tuner Activation (ATA)
- Electronic Level control
- Bass & Treble controls
- D-Bass enhancement
- 45 w x4 high power
- Segmented green LCD
- Green key illumination
- Quartz clock

CD CHANGERS

SONY ENGINEERS have always thought

that changing CDs should be as easy as changing radio Stations.

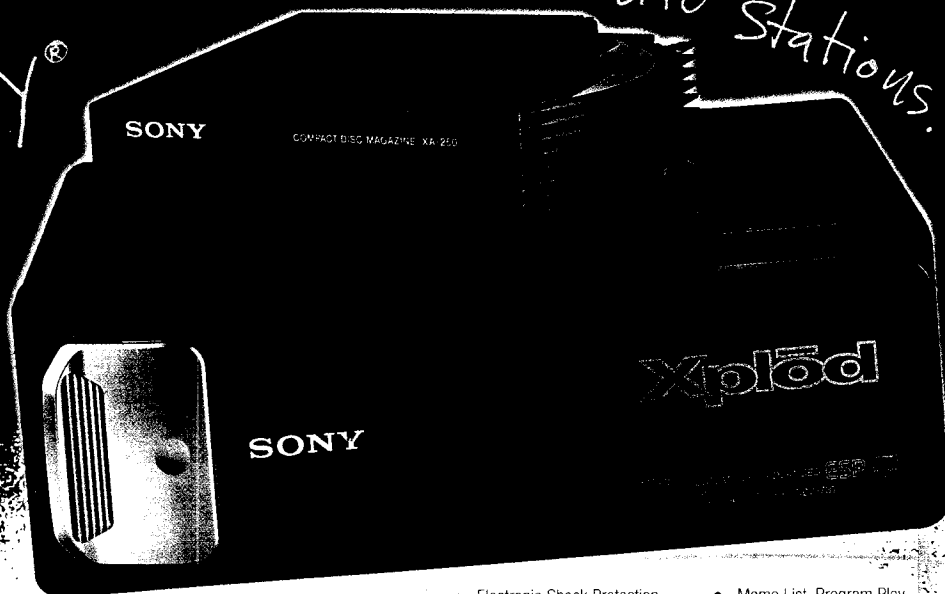
Stations.

THE RESULT:
SONY DISC JOCKEY®

CAR CD CHANGERS

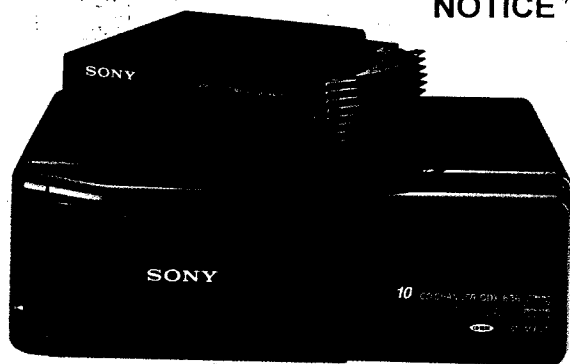
They're the SLEEK,
SIMPLE way to keep ten
CDs at your BECK and CALL.

FEATURES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



CDX-737 10-CD Changer

- ▲ Electronic Shock Protection
- ▲ 3-second, 4 Mbit memory
- 1-bit converter, 8x oversampling
- CD TEXT compatibility
- 110 CD Custom File Memory
- Memo List, Program Play
- Super Suspension
- Compact Xplōd design
- 5 mounting angles



CDX-636 10-CD Changer

- 1-bit converter, 8x oversampling
- CD TEXT compatibility
- CD-R playback¹⁾
- Fast CD-to-CD changing
- 110 CD Custom File memory
- Memo List, Program Play
- Super Suspension
- Compact design, 5 mount angles



CDX-530RF 10-CD Changer/ RF Package

- Connects to any FM radio
- Built-in RF modulator
- Slim line display/wired remote
- New jog/shuttle ring
- ▲ Supplied wireless remote
- ▲ 110 CD Custom File memory
- ▲ Memo List, Program Play
- ▲ CD TEXT compatibility
- Fast CD-to-CD changing
- CD-R playback¹⁾
- Repeat & Shuffle Play
- RF Frequency/Level Select
- Compact chassis, easy mounting

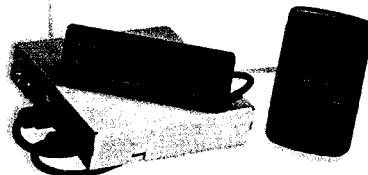


CDX-434RF 10-CD Changer/RF Package

- Connects to any FM radio
- Built-in RF modulator
- Slim line display/wired remote
- New jog/shuttle ring
- Fast CD-to-CD changing
- CD-R playback¹⁾
- Repeat & Shuffle Play
- RF Frequency/Level Select
- Compact chassis, easy mounting

RM-X69RF RF Package

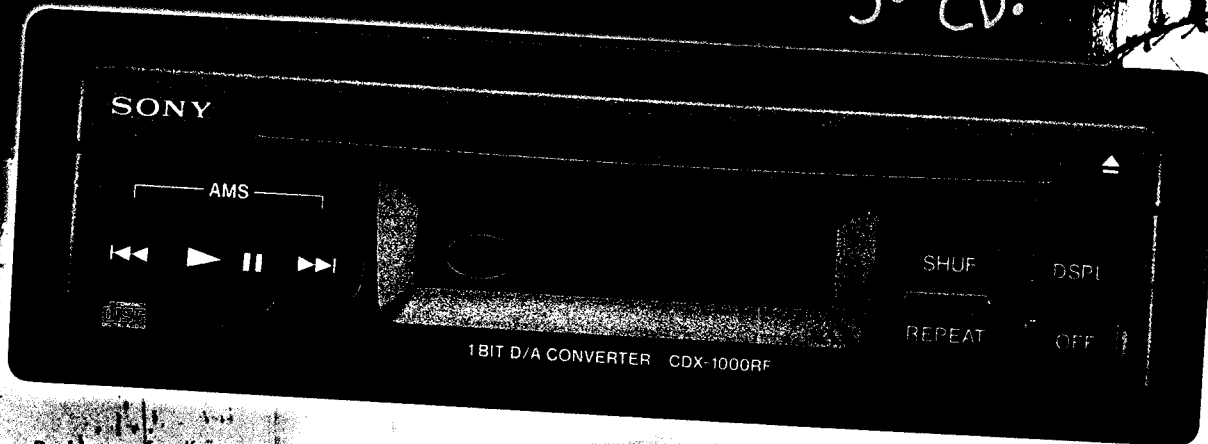
- Controls any Sony UniLink™ CD or MD Changer
- Connects to any FM radio
- RF modulator, display & wireless remote
- Custom File Disc Memo™ Memory, Memo List, Program Bank
- Scrolling display for MD titles



CD PLAYER

RF MODULATOR

Your factory radio is LONELY.
Fill that empty DIN slot with a dash of
SONY!
CD!

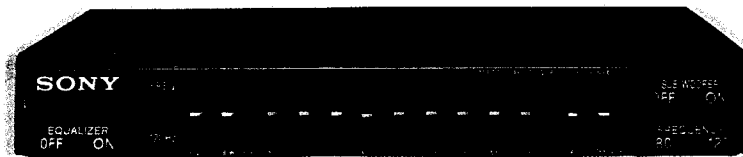
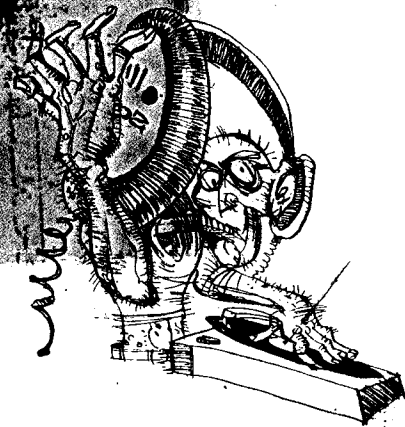


Double your fun. If your car has a double-DIN opening with just the top slot occupied, here's good news! The Sony CDX-1000RF fits into the open slot for CD playback to AM/FM/TAPE.

CDX-1000RF

CD Player/
RF Modulator

- CD player add-on to factory radios
- Connects to any FM radio
- DIN chassis fits double-DIN cutouts underneath factory radio
- Preamp output
- Remote turn-on
- 1-bit converter; 8x oversampling
- Active Servo Control
- Optional wired remote control
- Negative LC display
- Green key illumination



XE-90 MK II

9-Band EQ/Crossover

- 9 frequency centers 50, 100, 200, 400, 800, 1.5k, 3k, 6k, 12 kHz
- 80/120 Hz Low Pass Filter
- Subwoofer output
- Equalization F, R, F&R, defeat

XEC-505

Electronic Crossover

- 6-channel, 2-way F/R
- Separate hi/lo pass frequencies
- 3 output level controls
- Separate front/rear inputs
- Half-DIN dash mount size



FEATURES AND
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KICK it up a few notches
with a Sony equalizer and a
Sony crossover.

EQUALIZER CROSSOVER

XPLÖD HX SERIES AMPLIFIERS

Dr. JEKYLL, MEET MR. HYDE.
Sony's HX Series lets you choose **HIGH-VOLTAGE** rails for **FENDER-BENDING POWER** into 4-ohm speakers. Or switch to **HIGH-CURRENT** rails to drive subwoofers and low-impedance combinations. You'll get **FULL POWER** even into nasty 1-ohm loads.



Load rails. The HX Series High-Voltage power rails excel into 4-ohm loads. The High-Current rails are ideal for subwoofers and tricky multi-speaker loads.



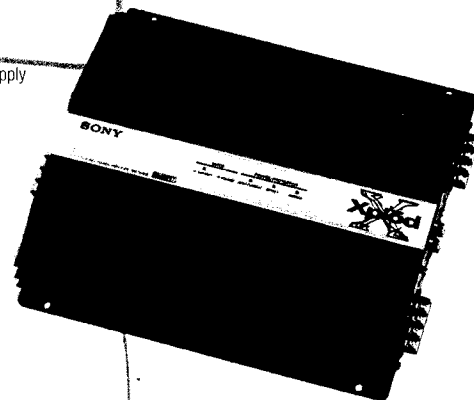
FEATURES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

XM-2252HX 2/1-Channel Amp

- Voltage/current selectable rail power supply
- ▲ 1400 w x1 max power
- ▲ 225 w x2 into 4 Ω , 20-20 kHz, at 0.04% THD (hi-voltage)
- ▲ 600 w x1 into 4 Ω , 20-20 kHz, at 0.1% THD
- ▲ 300 w x2 into 2 Ω , 20-20 kHz, at 0.04% THD (hi-current)
- 50-200 Hz hi/lo-pass filter
- Adjustable 40 Hz low freq. EQ
- High-current MOSFET output transistors
- MOSFET power supply
- Line-level & speaker level inputs

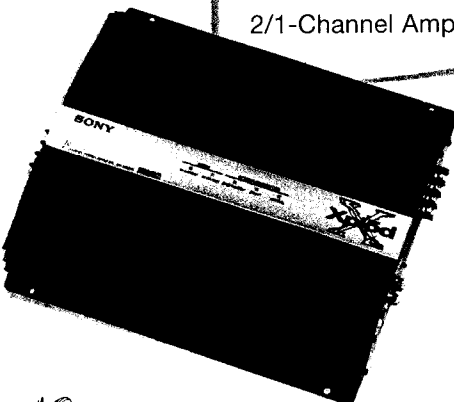
XM-754HX 4/3/2-Channel Amp

- Voltage/current selectable rail power supply
- ▲ 400 w x2 max power
- ▲ 75 w x4 into 4 Ω , 20-20 kHz, at 0.04% THD (hi-voltage)
- ▲ 200 w x2 into 4 Ω , 20-20 kHz, at 0.1% THD
- ▲ 70 w x4 into 1 Ω , 20-20 kHz, at 0.04% THD (hi-current)
- 50-200 Hz hi/lo-pass filter
- Adjustable 40 Hz low freq. EQ
- High-current MOSFET output transistors
- MOSFET power supply
- Line-level & speaker level inputs
- ▲ Cooling fan, DC brushless motor



XM-1002HX 2/1-Channel Amp

- Voltage/current selectable rail power supply
- ▲ 630 w x1 max power
- ▲ 100 w x2 into 4 Ω , 20-20 kHz, at 0.04% THD (hi-voltage)
- ▲ 280 w x1 into 4 Ω , 20-20 kHz, at 0.1% THD
- ▲ 100 w x2 into 1 Ω , 20-20 kHz, at 0.04% THD (hi-current)
- 50-200 Hz hi/lo-pass filter
- Adjustable 40 Hz low freq. EQ
- High-current MOSFET output transistors
- MOSFET power supply
- Line-level & speaker level inputs



XM-552HX 2/1-Channel Amp

- 330 w x1 max power
- 55 w x2 into 4 Ω , 20-20 kHz, at 0.04% THD (hi-voltage)
- 140 w x1 into 4 Ω , 20-20 kHz, at 0.1% THD
- 75 w x2 into 2 Ω , 20-20 kHz, at 0.04% THD (hi-current)
- 50-200 Hz hi/lo-pass filter
- Adjustable 40 Hz low freq. EQ
- Discrete output transistors
- MOSFET power supply
- Line-level & speaker level inputs

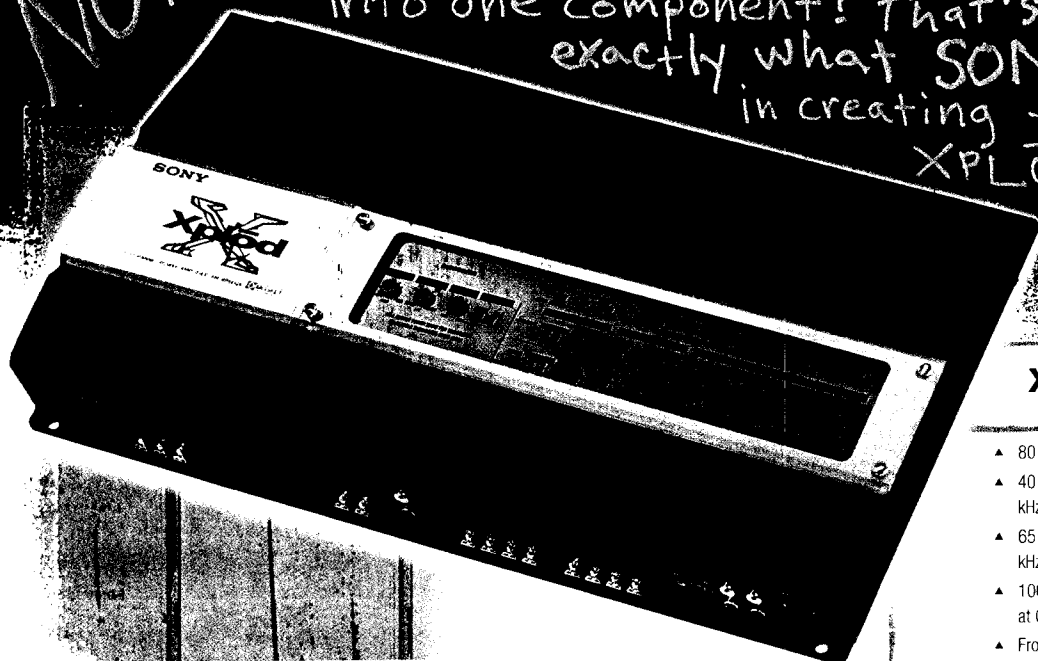


XPLÖD EQX SERIES AMP/EQs

autosound system
And EQUALIZATION.

Here's an inspiration.
Any truly KICKING
NEEDS POWER.

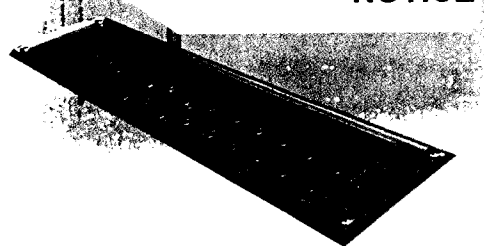
And a subwoofer CROSSOVER. So why
NOT COMBINE ALL THREE FUNCTIONS
into one component? That's
exactly what SONY did
in creating the
XPLÖD EQX
SERIES!



XM-405EQX 5/3-Channel Amp/EQ

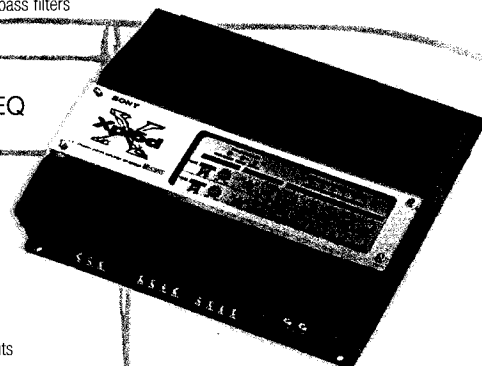
- ▲ 80 w x4 + 200 w maximum power
- ▲ 40 w x4 + 100 w into 4 Ω , 20-20 kHz, at 0.04% THD
- ▲ 65 w x4 + 125 w into 2 Ω , 20-20 kHz, at 0.08% THD
- ▲ 100 w x3 into 4 Ω , 20-20 kHz, at 0.1% THD
- ▲ Front/Rear/Sub 50-200 Hz hi/lo-pass filters
- Front/Rear/Sub 5+5 band EQ at 50, 200, 800, 3.2 k, 12.8 kHz
- Adjustable 40 Hz low freq. EQ
- Recessed controls, level LEDs
- FET input stage
- Discrete output transistors
- MOSFET power supply
- Line-level & speaker level inputs

FEATURES AND
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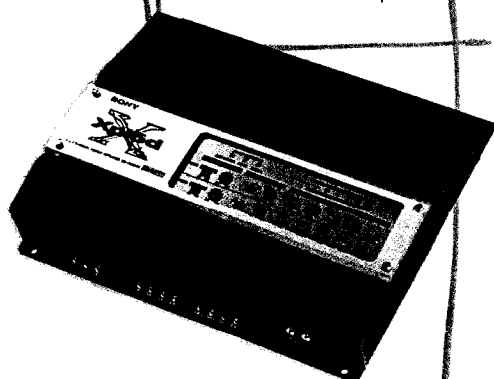
XM-604EQX 4/3/2-Channel Amp/EQ

- ▲ 300 w x2 maximum power
- ▲ 60 w x4 into 4 Ω , 20-20 kHz, at 0.04% THD
- ▲ 80 w x4 into 2 Ω , 20-20 kHz, at 0.08% THD
- ▲ 60 w x2 + 150 w into 4 Ω , 20-20 kHz, at 0.1% THD
- ▲ Front/Rear 50-200 Hz hi/lo-pass filters
- Front/Rear 5 band EQ at 50, 200, 800, 3.2 k, 12.8 kHz
- Recessed controls, level LEDs
- FET input stage
- Discrete output transistors
- MOSFET power supply
- Line-level & speaker level inputs



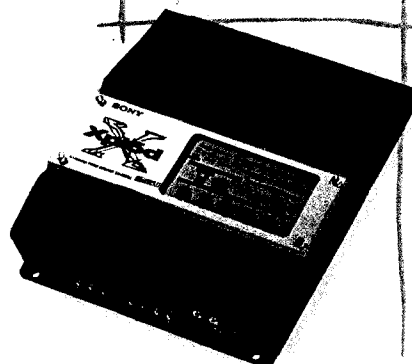
XM-404EQX 4/3/2-Channel Amp/EQ

- 230 w x2 maximum power
- 40 w x4 into 4 Ω , 20-20 kHz, at 0.04% THD
- 55 w x4 into 2 Ω , 20-20 kHz, at 0.08% THD
- 40 w x2 + 100 w into 4 Ω , 20-20 kHz, at 0.1% THD
- Front/Rear 50-200 Hz hi/lo-pass filters
- Front/Rear 5 band EQ at 50, 200, 800, 3.2 k, 12.8 kHz
- Recessed controls, level LEDs
- FET input stage
- Discrete output transistors
- MOSFET power supply
- Line-level & speaker level inputs



XM-752EQX 2/1-Channel Amp/EQ

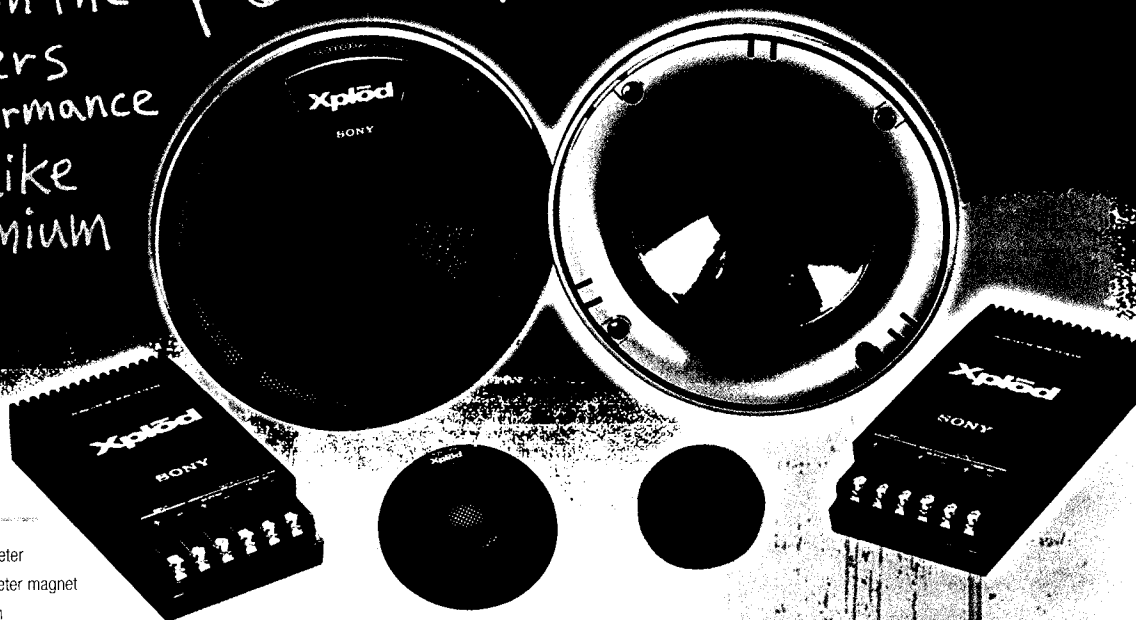
- ▲ 420 w x1 maximum power
- ▲ 75 w x2 into 4 Ω , 20-20 kHz, at 0.04% THD
- ▲ 100 w x2 into 2 Ω , 20-20 kHz, at 0.08% THD
- ▲ 200 w into 4 Ω , 20-20 kHz, at 0.08% THD
- ▲ 50-200 Hz hi/lo-pass filter
- 5 band EQ at 50, 200, 800, 3.2 k, 12.8 kHz
- Recessed controls, level LEDs
- FET input stage
- Discrete output transistors
- MOSFET power supply
- Line-level & speaker level inputs



XPLÖD COMPONENT SPEAKERS

With individual drive units handling up to 450 watts, Sony's XPLÖD Component Speakers just dare **POWER!**

you to pour on the And Sony delivers spectacular performance with technologies like H.O.P., PEI, Neodymium and more!



XS-HL635

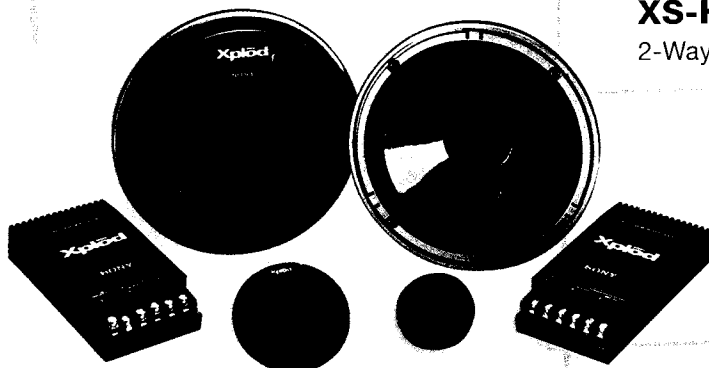
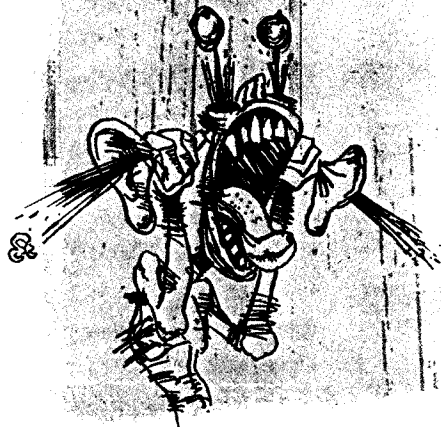
2-Way Speaker System

- 6 1/2" H.O.P. woofer
- 1" PEI Film dome tweeter
- Durable rubber surround
- 12 dB/octave crossover
- Fluid cooled tweeter
- Neodymium tweeter magnet
- 180 w Maximum Input Power

XS-HL535

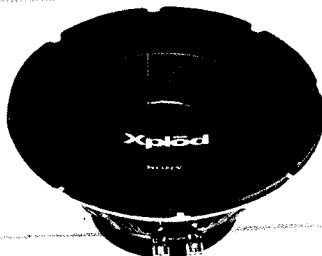
2-Way Speaker System

- 5 1/4" H.O.P. woofer
- 1" PEI Film dome tweeter
- Durable rubber surround
- 12 dB/octave crossover
- Fluid cooled tweeter
- Neodymium tweeter magnet
- 150 w Maximum Input Power



XS-L1230 12" Woofer

- 12" high-rigidity compound Polypropylene cone
- Durable Santoprene rubber surround
- Double damper suspension
- Optimized for small enclosures
- 450 w Maximum Input Power



XS-L1030 10" Woofer

- 10" high-rigidity compound Polypropylene cone
- Durable Santoprene rubber surround
- Double damper suspension
- Optimized for small enclosures
- 400 w Maximum Input Power



XS-L830 8" Woofer

- 8" high-rigidity compound Polypropylene cone
- Durable Santoprene rubber surround
- Double damper suspension
- Optimized for small enclosures
- 350 w Maximum Input Power



XS-LE30

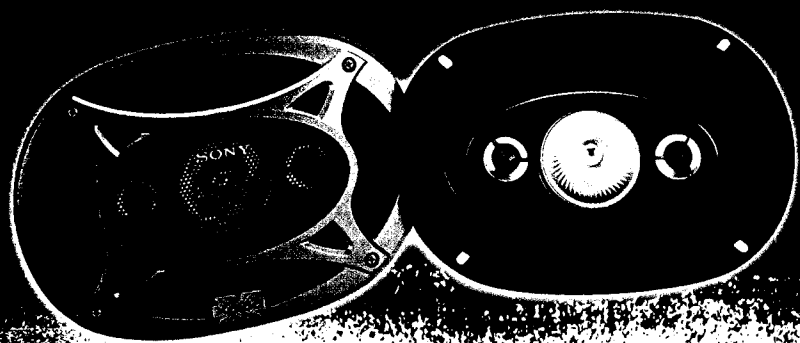
Illuminated 12" Woofer System

- 12" high-rigidity compound Polypropylene cone
- Durable Santoprene rubber surround
- Double damper suspension
- Included, small sealed enclosure saves space
- Illuminated dustcap oscillates with music
- 500 w Maximum Input Power

FEATURES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

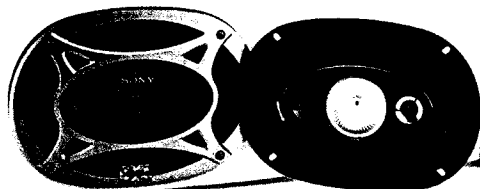
XPLÖD H.O.P. SPEAKERS

LIGHTER. STRONGER. FASTER. It's not a new snowboard.
It's **HIGHLY** Oriented Polyolefine
And it gives these Sony speakers
faster transients, higher highs
and lower distortion!



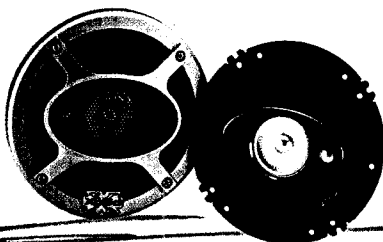
XS-V6945M
6x9" 4-Way Speakers

- 6x9" H.O.P. woofer cone
- 2 5/8" metal midrange
- 1" balanced dome tweeter
- 1" balanced drive super tweeter
- Strontium magnets
- Center-Path wiring
- 220 w Maximum Input Power



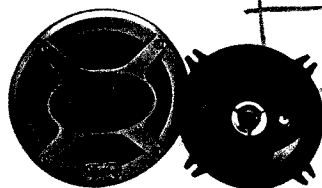
XS-V6935M
6x9" 3-Way Speakers

- 6 1/2" H.O.P. woofer cone
- 2" metal midrange
- 1/2" balanced drive tweeter
- Strontium magnets
- Center-Path wiring
- 200 w Maximum Input Power



XS-V1635M
6 1/2" 3-Way Speakers

- 6 1/2" H.O.P. woofer cone
- 2" metal midrange
- 1/2" balanced drive tweeter
- Strontium magnets
- Center-Path wiring
- 200 w Maximum Input Power

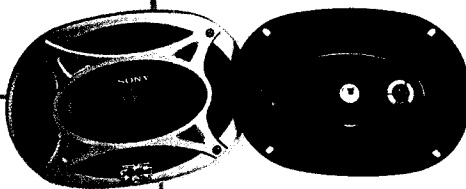


XS-V1331
5 1/4" 3-Way Speakers

- 5 1/4" H.O.P. woofer cone
- 1 1/2" balanced drive midrange
- 1/2" film dome tweeter
- Strontium magnets
- 150 w Maximum Input Power

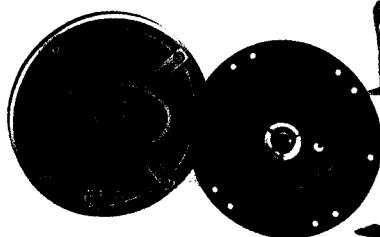
XS-V6921
6x9" 3-Way Speakers

- 6x9" H.O.P. woofer cone
- 2 5/8" cone midrange
- 1" balanced drive tweeter
- Strontium magnets
- 180 w Maximum Input Power
- Slim-mount design
- 3" Mounting Depth

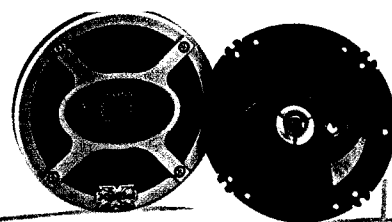


XS-V1621
6 1/2" 3-Way Speakers

- 6 1/2" H.O.P. woofer cone
- 1 1/2" cone midrange
- 1/2" film dome tweeter
- Strontium magnets
- 130 w Maximum Input Power
- Slim-mount design
- 1 3/4" Mounting Depth

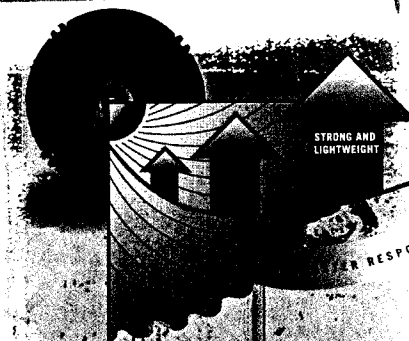


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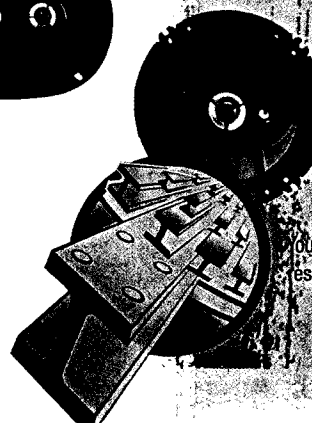
XS-V1631
6 1/2" 3-Way Speakers

- 6 1/2" H.O.P. woofer cone
- 1 1/2" PEI film midrange
- 1/2" film dome tweeter
- Strontium magnets
- Center-Path wiring
- 180 w Maximum Input Power



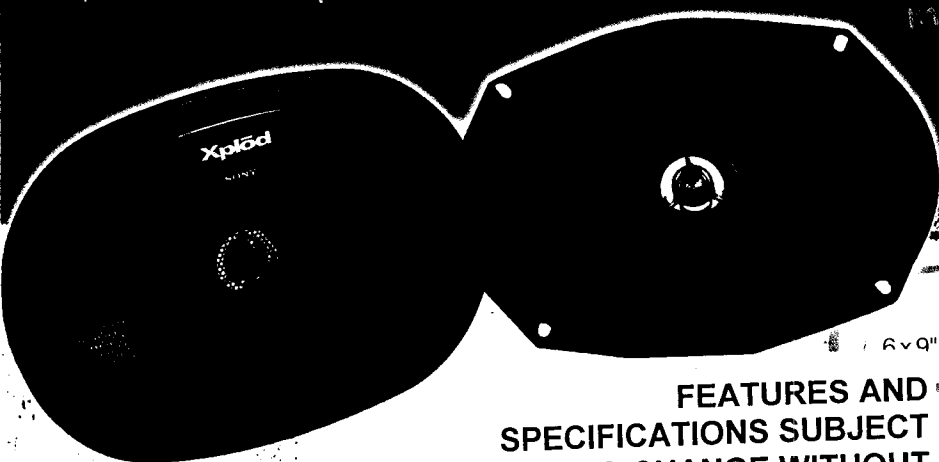
Prime ribs. For awesome transients, Sony's metal midrange is made from extremely thin, extremely light aluminum. For super-low distortion, Sony formed the aluminum with radial reinforcing ribs.

H.O.P. Thanks to high-tech fibers aligned under extreme pressure, Sony's exclusive H.O.P. is even lighter and stronger than polypropylene. You get greater linearity, smoother response — and far better sound.



F SERIES SPEAKERS

MORE STYLE, MORE FLAIR and MORE SOUND than a "FACTORY" stereo ever dreamed of producing. For Less money than you might expect. That's the BIG idea behind Sony's F Series Speakers.



XS-F6921

6x9" 2-Way Speakers

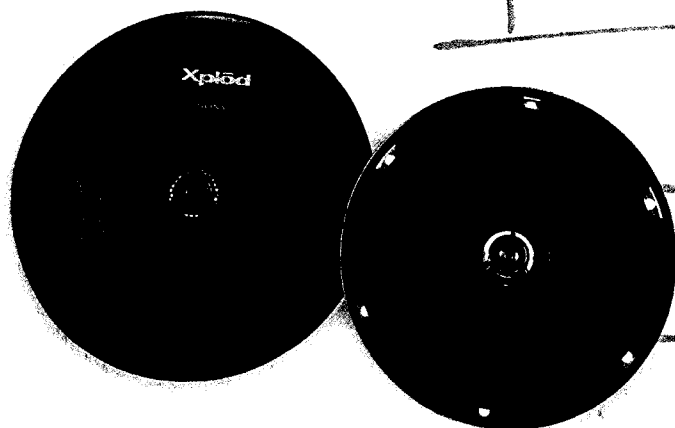
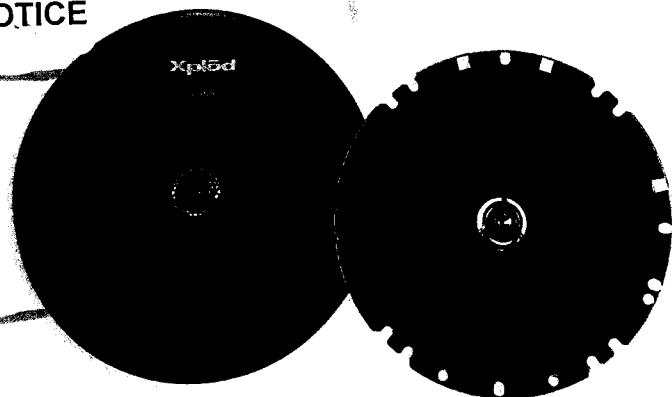
- 6x9" Polypropylene woofer
- 1 1/2" balanced drive tweeter
- Strontium magnet
- 90 dB/w/m efficiency
- 160 w Maximum Input Power
- 3" mounting depth

FEATURES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

XS-F1721

7" 2-Way Speakers

- 7" Polypropylene woofer
- 1 3/16" balanced drive tweeter
- Strontium magnet
- 90 dB/w/m efficiency
- 140 w Maximum Input Power
- Custom fit for US & import cars
- 1 3/4" mounting depth



XS-F1621

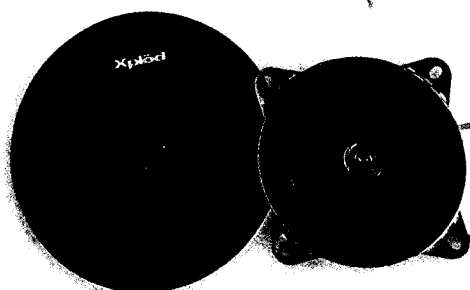
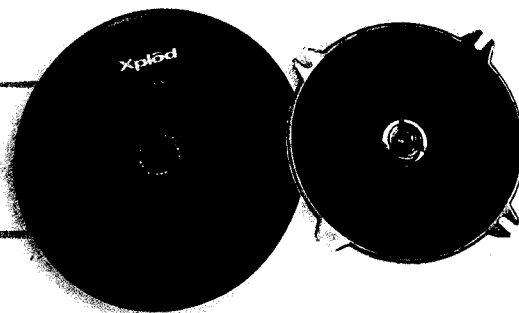
6 1/2" 2-Way Speakers

- 6 1/2" Polypropylene woofer
- 1 3/16" balanced drive tweeter
- Strontium magnet
- 2" mounting depth
- 90 dB/w/m efficiency
- 140 w Maximum Input Power

XS-F1321

5 1/4" 2-Way Speakers

- 5 1/4" Polypropylene woofer
- 1 3/16" balanced drive tweeter
- 2" mounting depth
- 90 dB/w/m efficiency
- 120 w Maximum Input Power



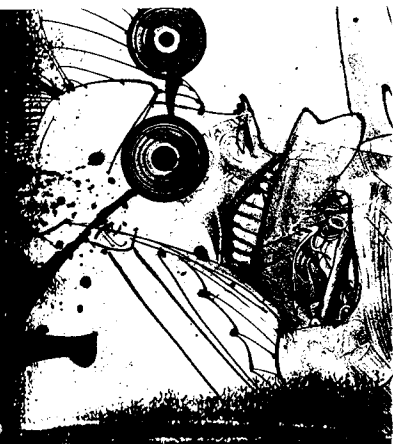
XS-F1021

4 1/2" 2-Way Speakers

- 4 1/2" Polypropylene woofer
- 1" balanced drive tweeter
- 1 1/4" mounting depth
- 89 dB/w/m efficiency
- 80 w Maximum Input Power

SPECIAL APPE SPEAKERS

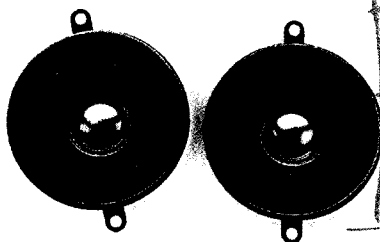
HERE ARE THE PROBLEM-
SOLVERS. The perfect
answers for that hard-to-
fit dashboard. The purpose-
built products for your boat.
The speakers that BOLDLY
go where others
FEAR TO TREAD.



XS-PL57

5x7" 2-Way Speakers

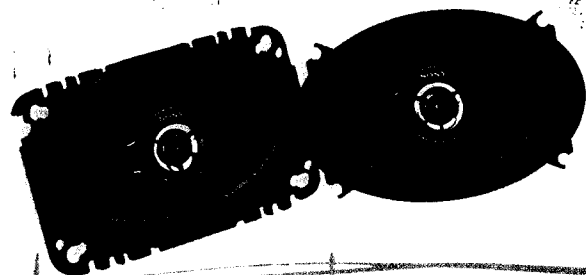
- For Ford, Mazda, Chrysler & Mitsubishi
- 4 3/4" water-resistant woofer
- 1" Polymer film tweeter
- 1 3/4" mounting depth



XS-33

3 1/2" Dual Cone Speakers

- In-dash speaker for GM
- Includes cloth mesh covering

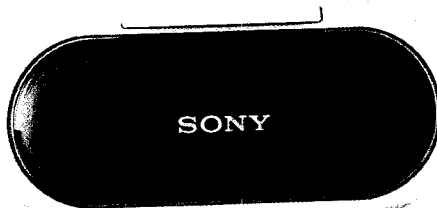


XS-4623

4x6" 2-Way Speakers

- Plate speaker for dash
- 4x6" Polypropylene woofer
- 1" Polycarbonate tweeter
- US/Euro mount

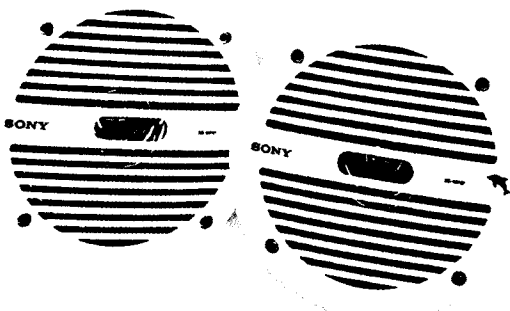
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GMD-616

Marine Head
Unit Cover

- Protects all Sony in-dash head units
- Weatherproofed with O-ring seal
- Locking flip-down door
- White finish matches yachts



XS-MP61

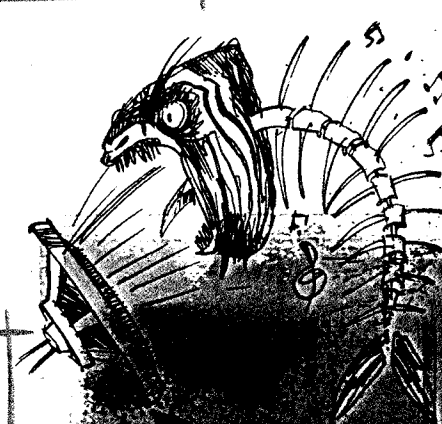
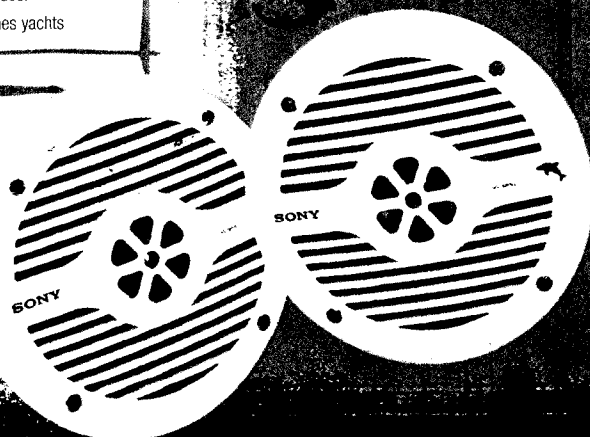
6 1/2" Dual Cone Marine Speakers

- Resists water & sun
- Polypropylene woofer
- Rust resistant frame & basket

XS-MP62

6 1/2" 2-Way
Marine Speakers

- Resists water & sun
- Polypropylene woofer
- 2 1/8" Polyester tweeter
- Rust resistant frame & basket



MARINE



— AHH YEAH,
it's on!

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†† CD-R playback in Sony Mobile CD Players: in some cases, a CD-R with dirt, scratches or other defects may not play back properly. Please read and follow all directions for the CD-R and the CD-R Recorder. If the CD-R is not finalized at the completion of the recording session, the CD-R may not play back properly. CD-RW discs cannot be played.

SONY.

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Park Ridge, NJ 07656
<http://www.sony.com>

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Xplōd

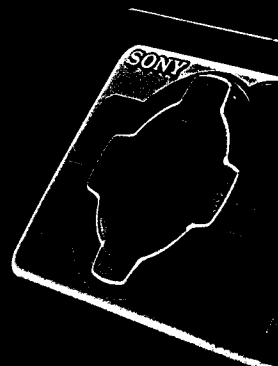
Mobile ES

Xplōd

mobile ES
2000

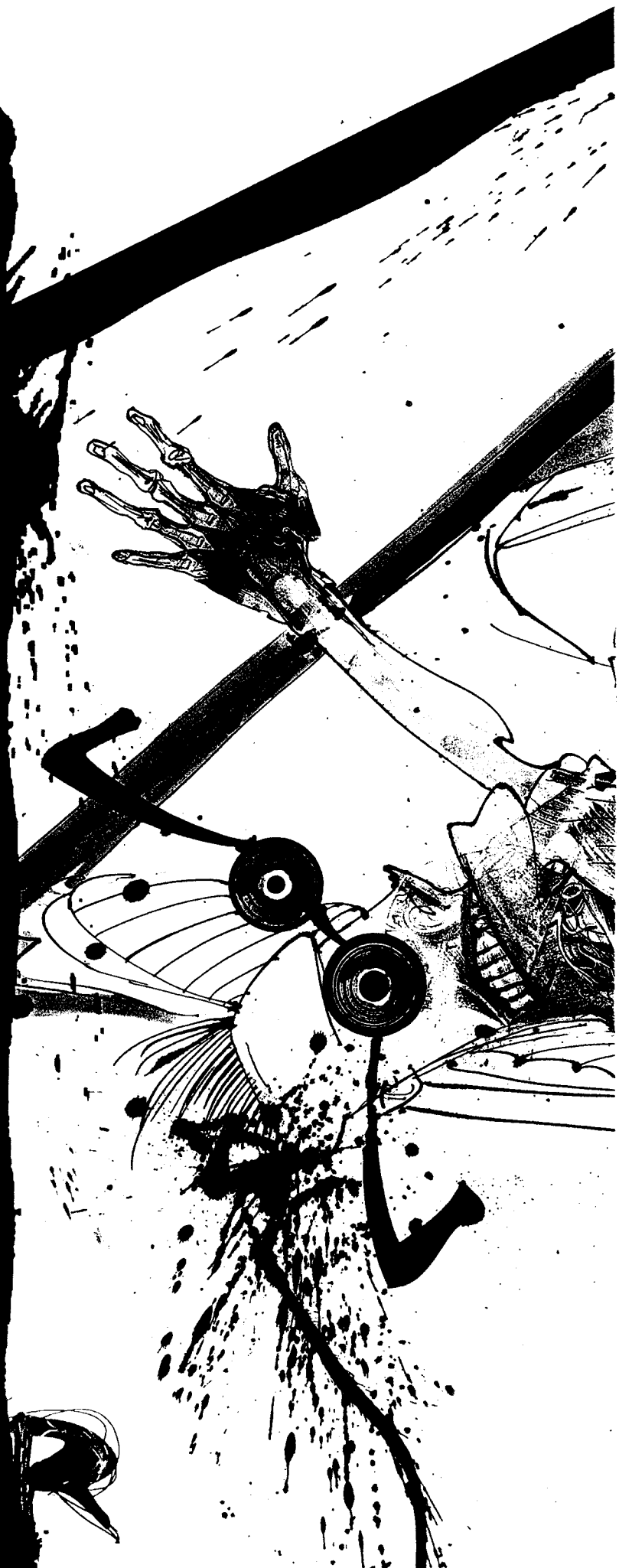
disturb
the peace™

ANY car radio will play music. But a Mobile ES system will STRIP PAINT OFF SHEET METAL, CHANGE your molecular structure and deliver your choice of tunes to everyone inside a TEN MILE RADIUS. THIS ISN'T JUST MUSIC. It's an entirely new level of Compact Disc, MiniDisc and cassette sources — plus the option of SONY VHS and DVD. It's a new world of ACTIVE BLACK PANEL FACE PLATES, dot matrix displays and rotary remote controls. And it's a new generation of XPLÖD™ head units, XPLÖD amps and XPLÖD speakers that will make YOUR SKIN tingle, your hair stand on end and your drive to the drugstore seem all too short.



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REFERENCE CD TUNER

What if?

what if you ignored the advice of corporate bean counters? What if you tried **RADICAL NEW TECHNOLOGIES** in the hunt for better sound? The result would be the **SONY REFERENCE SERIES**. Like the **CDX-C90 CD TUNER**, each produces sound that will dilate your **PUPILS** everytime you hit play.



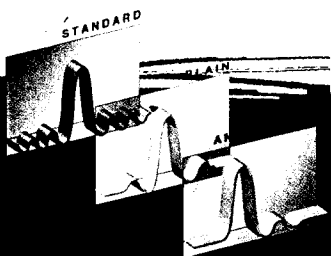
CDX-C90

CD Tuner

Unmatched digital filtering. A volume control with 110 dB signal-to-noise ratio. Incredible dot matrix display. They make the CDX-C90 unlike anything else.

- ▲ 4-position Variable Coefficient digital filter
- ▲ Dual Burr Brown® 20-bit Sign Magnitude D/As
- ▲ Electronic Shock Protection (ESP)
- ▲ 3-second buffer memory
- ▲ Optical digital output with optional XA-D210
- ▲ SSIR-EX tuner with Adaptive Reception
- ▲ 30 station presets, Best Tuning Memory
- Station Memo™ display
- ▲ Configurable full dot matrix LC display with electroluminescent backlight
- ▲ List display shows 10 CD titles, tracks or station names at once
- ▲ Motorized, fold out, detachable face
- ▲ Direct Volume circuit with 110 dB S/N
- ▲ Preamp with ± 15 volt AC-DC converter
- 4-volt front/rear/sub preamp outputs
- CD/MD/TV/DSP control with Custom File™ Memory
- ▲ Non-magnetic copper chassis resists noise
- CD TEXT™ display with compatible CDs
- Rotary Encoder with concentric lever
- ▲ Supplied Rotary Encoder Remote Control
- ▲ Wireless remote control for programming functions

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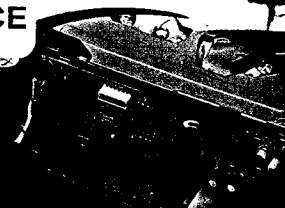


Digital Definition.
Sony's Variable Coefficient (VC) digital filter enables you to actually choose filter processes—adjusting the sound to match the needs of your music.

Variable Coefficient (VC) Digital Filter. Most digital filters perform by oversampling. But the way they oversample and filter largely determines the sound quality. Utterly unlike conventional filters, the CDX-C90 actually enables you to select the basic oversampling process, phase response and impulse response characteristics. Choose Standard for a wide range of Sony's Full/Fast/Normal design. Select Plain for direct oversampling, with outstanding dynamics. Choose Analog A for the warmth of analog filter. Or punch in Analog B to simulate the operation of a seventh-order Butterworth filter—well balanced and real as life, but true: with the CDX-C90, the choice is finally yours!

Direct Volume Circuit. As you turn the volume knob, the sound gets better and better. This is because the preamplifier performs a direct volume control. Direct Volume changes the gain of the amplifier and the power of the output. Balance and Fade controls are independent. Semiconductor ES-9000 series ICs provide medical dynamic range and clarity. You hear every last note of every Compact Disc performance.

Separate Audio Amplifier. The preamplifier is shielded by a plate of solid copper and driven by a separate, regulated ± 15 volt power supply.



REFERENCE AMPLIFIER

XM-2000R

2 Channel Amplifier

- ▲ 300 w x2, 4 Ω , 20–20,000 Hz 0.02% THD
- ▲ 600 w x2, 2 Ω , 20–20,000 Hz 0.02% THD
- ▲ 1,000 w x2, 1 Ω , 20–20,000 Hz 0.02% THD
- ▲ Four independent final stages: left & right, positive & negative each with its own Pulse Width Modulation power supply

Ultimate refinement meets brute force. The XM-2000R develops more power into more types of speakers than any mobile amp we've ever produced.

- ▲ Cascade connection output stage uses eight transistors per channel cascaded to the final pair
- ▲ Ultra-high-speed MOS FET output devices
- ▲ Separate FET power supply for voltage stage
- ▲ Drives reactive loads at rated power: phase angles from 60° capacitive to 60° inductive
- Active thermal management
- ▲ Twin 70A slow-trip circuit breakers
- ▲ Test tone
- ▲ Variable Subsonic Filter 7–40 Hz

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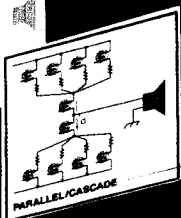
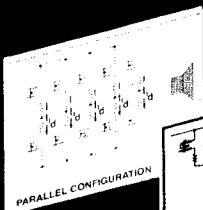


Four stage final section. How does the XM-2000R summon 1,000 watts per channel into 1 ohm? By dividing the output section into four separate stages: left and right, positive and negative. Each of these independent stages is powered by its own, separate Pulse Width Modulation (PWM) power supply. This delivers phenomenal power, without placing conflicting demands on a single power supply.

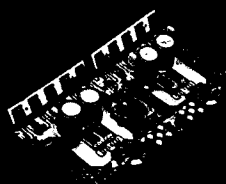
Cascade connection output stage.

The typical high-powered amplifier uses lots of transistors in parallel to achieve high power. They're connected to the speaker with load resistors. Unfortunately, this "power by committee" approach is slow, blurring the focus of your music. The XM-2000R overcomes this essential problem by using only four transistors for the top half of the waveform and four for the bottom half. Then Sony cascades these transistor outputs to a single-ended "final" pair. It is this pair—and not the "committee"—that actually drives your speakers. And the pair can function without bothersome load resistors. The result is unique in mobile electronics: awesome power combined with phenomenal musical detail.

CAN A MACK TRUCK
If the SONY XM-2000R is any guide, the answer is an
EMPHATIC, "YES!" Not only is this machine capable of pushing 1000 watts
into a pair of 1-ohm loads. But unlike so many powerhouses, it does
full justice to musical details like the sound of fingers on guitar frets
or the steely sheen of synth beats.



Lighten The Load.
Conventional parallel outputs blur the sound and require troublesome load resistors. Sony's cascade output stage focuses the sound—and functions without load resistors.



Fab Foursome.

The XM-2000R develops its phenomenal power through four separate MOS FET output stages, fed by four distinct Pulse Width Modulation power supplies.

REFERENCE PROCESSOR

XDP-4000X

Digital Processor

Forget about the chips, the adjustments and the specs. To fully appreciate the XDP-4000X difference, you need only listen.

- ▲ FFT FIR crossover filters with Sony CX-2711 IC
- ▲ 24-bit equalization with Sony CX-2710
- ▲ Crystal Semiconductor CS4329 D/A converter, the first Delta-Sigma design to achieve 112 dB S/N ratio
- ▲ Crystal Semiconductor CS3310 digital volume control, 110 dB dynamic range
- ▲ 8-volt maximum preamp output
- ▲ 10-band parametric equalization
- ▲ Center frequencies from 18 Hz to 21.7 kHz in 1/18 octave steps
- ▲ Independent L/R EQ adjustment
- ▲ 250 positions for equalization "Q"
- ▲ 2/3/4-way crossover
- ▲ 24, 36 and 72 dB/octave crossover slopes
- ▲ Digitally aligned seat position synchronizes arrival times for every speaker 2-, 3- or 4-way system
- ▲ Separate memories for 10 EQ & 10 crossover/seat alignment settings
- Analog & optical digital inputs
- Copper-plated chassis
- ▲ RS-232C Interface for PC installer setup
- Last Sound Memory, DSP File
- Requires head unit with UniLink® DSP control

FFT FIR Filtering. Nearly all digital processors use Infinite Impulse Response (IIR) filtering. The crossover section of Sony's XDP-4000X is fundamentally different. It's built around Sony's exclusive CX-2711 chip with Fast Fourier Transform (FFT) Finite Impulse Response (FIR) filtering. This is vastly more powerful processing, unmatched by conventional designs. You get digital accuracy and control along with exceptional musical transparency.

RS-232C Interface. Every car is different. That's why the XDP-4000X can be minutely tuned and tweaked to your specific speakers and the precise dimensions of your car. The transparent panel of the XDP-4000X comes off to reveal a PC interface. When loaded with Sony's software, the PC presents your installing technician with set-up screens that are remarkably simple and direct.

**FEATURES AND
SPECIFICATIONS SUBJECT
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NOTICE**



Discover just how good car audio can be.
Listen to the transparency of an FIR crossover.
The PINPOINT sound staging of matched arrival times.
The sonic ease of DELTA-SIGMA D/A's.
In short, EXPERIENCE the SONY XDP-4000X.

Designs And Devices.

Awesome sound starts with some phenomenal devices, including

Sony's CX-2711 FFT FIR filter and Crystal Semiconductor's CS4329 D/A.

Tailor The Sound To Fit.
The installing technician uses a Personal Computer to fine-tune system performance to the exact dimensions of your car! (PC not included.)

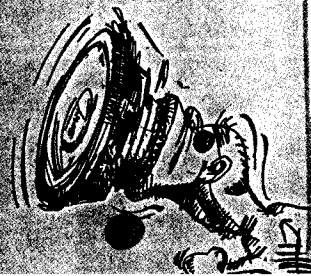
REFERENCE SPEAKERS

SONY MOBILE ES
engineers must be
OUT of CONTROL.

Who else would build a 6-inch dome speaker?
Who else would build tweeters with stationary
voice coils? OR AN ALUMINUM-CONE subwoofer?
But when you connect these speakers to the
Mobile ES crossover and amps,
you'll realize speakers
**BUILT like
nothing else
PERFORM
like nothing
ELSE.**

Balanced Dome. Start with an exceptionally large-diameter voice coil. Inside the diameter, the diaphragm acts like a dome. Outside, it acts like a cone. That's the genius of Sony's Balanced Dome. The results are higher power handling. Broader dispersion. And a lower profile for easier mounting!

Handling the Power. Sony designed these Reference Speakers to be driven hard. And the specs prove it. The big subwoofer has a Maximum Input Power of 1,000 watts, while even the tweeter can handle 300!



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NOTIC**

XS-HS12

12" Subwoofer

A larger alternative, optimized for 1.0 cubic foot enclosures.

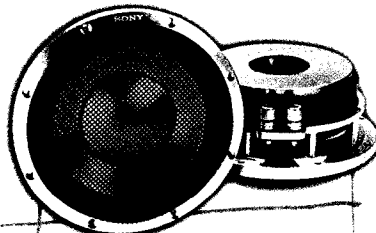
- ▲ 12" pressed aluminum cone
- ▲ Santoprene rubber surround
- ▲ Dual 2 Ω voice coils for series (4 Ω) or parallel (1 Ω) operation
- Die-cast aluminum housing
- High-energy Strontium magnets
- ▲ 1,000 watts Maximum Input Power

XS-HS10

10" Subwoofer

A subwoofer with power handling and impedance matched to the Reference Series.

- ▲ 10" pressed aluminum cone
- ▲ Santoprene rubber surround
- ▲ Dual 2 Ω voice coils for series (4 Ω) or parallel (1 Ω) operation
- Die-cast aluminum housing
- High-energy Strontium magnets
- 800 watts Maximum Input Power



XS-HS6

6" Lo/Mid

Now you can bring deep midbass to the front of your car!

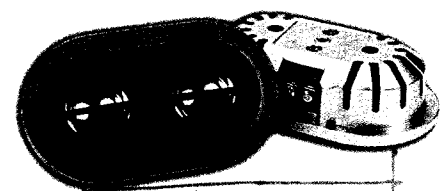
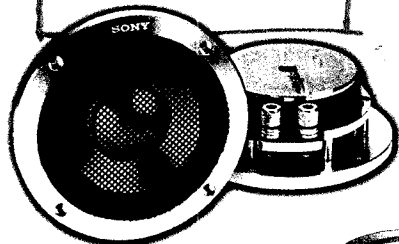
- ▲ Compact 6" Aluminum Balanced Dome
- ▲ Santoprene rubber surround
- ▲ 50 Hz response in 2 3/8" mount depth
- ▲ Die-cast aluminum housing
- High-energy Strontium magnets
- ▲ 300 watts Maximum Input Power

XS-HS4

4" Balanced Drive Hi/Mid

Compact mounting lets you place the H4 for the best stereo imaging.

- ▲ Compact 4" Aluminum Balanced Dome
- Santoprene rubber surround
- ▲ Oversized 1 3/8", 4 ohm voice coil
- Die-cast aluminum housing
- High-energy Strontium magnets
- ▲ 300 watts Maximum Input Power

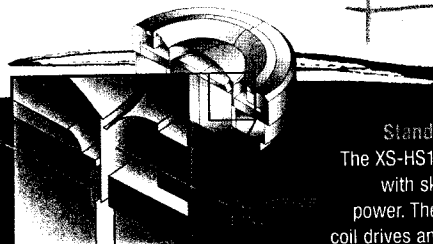


XS-HS1

Twin 1" Tweeters

Amazing acoustic output meets astonishing power handling.

- ▲ Twin-drive 1" titanium tweeters
- ▲ Die-cast aluminum frame with heat sink
- ▲ Unique stationary, 2-ohm voice coil drives inductive force ring for minimum mass, maximum speed
- High-energy Neodymium magnets
- ▲ 300 watts Maximum Input Power



Two Times Two.

The enormous Strontium magnets of the XS-HS12 enclose dual 2-ohm voice coils. So you can run in series (4 ohms) or parallel (1 ohm)!

STATIONARY
VOICE COIL

Standing Still.

The XS-HS1 combines fast transients with sky-high maximum input power. The secret? A stationary voice coil drives an inductive force ring. So mass is down. And speed is up.

CD RECEIVERS The ULTIMATE STEALTH of

an Active Black Panel. The ultimate CONTROL of DIGITAL Signal Processing. The ultimate Power of SONY XPLÖD design. No wonder these are the ULTIMATE CD receivers

SONY



SHUF ALL REP

ABP

Disappearing act.
With CDX-M750 and CDX-M650 Active

Black Panel (ABP), there's no need to remove the faceplate. Turn the system off and the front panel looks as if you've already removed it—a featureless expanse of flat black plastic!

Show time. Turn the receiver on with either remote and it comes

to life in a riotous, 4-color dot matrix display. It's big, colorful and tells you everything that's going on.

Open up and say "aaah."

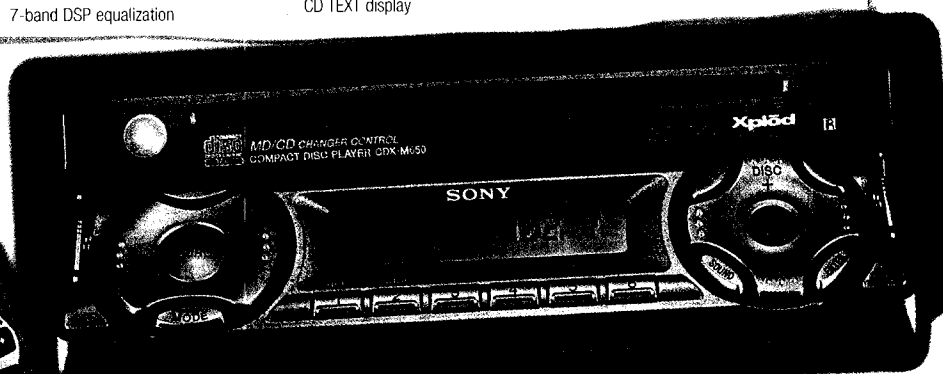
Hit the open key and the display pivots down to reveal the CD loading slot, plus a full set of front-panel controls.

CDX-M750 CD Receiver

- Sony's Active Black Panel (ABP)
- SSIR-EXA Adaptive Reception tuner
- 18 FM + 12 AM presets
- Station Memo display
- Delta-Sigma 1-bit converter
- CD-R playback**
- ▲ HX Digital Signal Processing (DSP)
- ▲ 7-band DSP equalization

Analyze your eyes with the Active Black Panel. Then do the same for your ears with Sony Digital Signal Processing.

- ▲ Soundstage height & width enhancement
- 4-volt front/rear/sub preamp outputs
- Subwoofer Hi-pass, Low-pass filters
- Xplöd power: 50 w x4
- CD/MD/TV control
- Custom File Memory & CD TEXT display
- Rotary Encoder/cross-key control
- 4-color dot matrix negative LCD
- Spectrum Analyzer display
- Multi language (Eng/Sp/Fr) display
- Supplied wireless remote control
- Optional wired remote control



CDX-M650 CD Receiver

For a Cool Factor that leaves all else in the dust, ride with Sony's Active Black Panel.

- ▲ Sony's Active Black Panel (ABP)
- SSIR-EXA Adaptive Reception tuner
- 18 FM + 12 AM presets
- Best Tuning Memory
- Station Memo display
- Burr-Brown Delta-Sigma 1-bit converter

- CD-R playback**
- 4-volt front/rear/sub preamp outputs
- Subwoofer Hi-pass, Low-pass filters
- Xplöd power: 50 w x4
- ▲ CD/MD/TV/DSP control
- Custom File Memory & CD TEXT display

- Rotary Encoder/cross-key control
- 4-color dot matrix negative LCD
- Spectrum Analyzer display
- Telephone attenuate
- Multi language (Eng/Sp/Fr) display
- Supplied wireless remote control
- Optional wired remote control

FEATURES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Bit by Bit.

Killer CD performance begins with the D/A converters. Burr-Brown Delta-Sigma devices combine the linearity of 1-bit converters with super resolution and definition.

88 92 99 104 108



Intelligent Tuning

To balance the best sound quality with the best tuning, Adaptive Reception constantly evaluates broadcast conditions and chooses the appropriate IF bandwidth. You get great reception, no matter where you drive.

CDX-C8050X CD Receiver

- SSIR-EXA Adaptive Reception tuner
- 18 FM + 12 AM presets
- Station Memo display
- Burr-Brown Delta-Sigma 1-bit converter
- CD-R playback¹⁾
- ▲ HX Digital Signal Processing (DSP)
- ▲ 7-band DSP equalization
- ▲ Soundstage height & width enhancement
- 4-volt front/rear/sub preamp outputs
- Subwoofer Hi-pass, Low-pass filters
- Xplōd power: 50 w x 4
- CD/MD/TV control
- Custom File Memory & CD TEXT display
- Flip-down, detachable faceplate
- Rotary Encoder/cross-key control²⁾
- ▲ 4-color dot matrix negative LCD
- ▲ Spectrum Analyzer display
- ▲ Multi language (Eng/Sp/Fr) display
- Supplied wireless, opt. wired remotes

Take total control of your sound with Sony's built-in HX Digital Signal Processing.

CDX-C7050X CD Receiver

- SSIR-EXA Adaptive Reception tuner
- 18 FM + 12 AM presets
- Best Tuning Memory
- Station Memo display
- Burr-Brown Delta-Sigma 1-bit converter
- CD-R playback¹⁾
- ▲ 4-volt front/rear/sub preamp outputs
- ▲ Subwoofer Hi-pass, Low-pass filters
- Xplōd power: 50 w x 4
- CD/MD/TV control
- Custom File disc name memory
- CD TEXT display with compatible CDs
- Flip-down, detachable faceplate
- Rotary Encoder/cross-key control
- 3-color 13-segment negative LCD
- Telephone attenuate
- Supplied wireless remote control
- Optional wired remote control

If you need a subwoofer, you'll want the subwoofer output of the CDX-C7050X.

CDX-C5050X CD Receiver

- SSIR-EXA Adaptive Reception tuner
- 18 FM + 12 AM presets
- Best Tuning Memory
- Station Memo display
- Burr-Brown Delta-Sigma 1-bit converter
- CD-R playback¹⁾
- 4-volt front/rear preamp outputs
- Xplōd power: 50 w x 4
- CD/MD/TV control
- Custom File disc name memory
- CD TEXT display with compatible CDs
- Flip-down, detachable faceplate
- Rotary Encoder/cross-key control
- 3-color 13-segment negative LCD
- Telephone attenuate
- Supplied wireless remote control
- Optional wired remote control

Get blown away by dazzling Xplōd design, powerful amplifier and ingenious CD/MD changer control.

Sony's HX Digital Signal Processing (DSP). Digital processing beats analog processing in quality and brute force power. Sony makes the most of these benefits with our HX DSP. Digital Equalization offers seven bands and five adjustable presets. Digital Seat Position Tweaks and optimizes the stereo soundstage. The 2-Way Digital Crossover can deliver separate band-filtered outputs for Main Speakers and Subwoofer. Finally, soundstage height and width enhancement can correct for limitations in car speaker placement.

4-Volt Preamp Outputs. No matter how good the sources are, your sound is only as good as the audio stage. That's why all Mobile ES Receivers offer 4-volt low-impedance preamp outputs. You'll get high-quality, low-noise signal transfer to your power amps!

CD TEXT Display. Wouldn't it be great if the name of your CD automatically appeared on the player's front panel? And while we're at it, what about the name of each track and the artist? That's the idea behind CD TEXT, featured on many recent CDs—and all these CD receivers!

Adaptive Reception. When stations are packed close together, you need the best selectivity. When stations are less crowded, you want the best sound quality. Sony's Adaptive Reception automatically widens or narrows the IF bandwidth to match the reception conditions. You enjoy the best radio performance, no matter where you drive.

CD/MD Changer Control. Here's the best of both worlds. A CD player in the dashboard lets you grab discs as you leave the house. While a CD or MD changer lets you enjoy effortless access to dozens of songs!

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Filter Out What You Can't Use.

It's a mistake to send door-mounted mids the lowest bass frequencies. It drains amp power and causes speaker distortion. That's why four of these receivers include a Hi/Lo Pass Filter.

Turn, Turn, Turn.

Sony's Rotary Encoder combines the precision of all-electronic control with the familiar feel of a volume knob. And it's supported by Sony's Cross-Key Pad: a 4-way rocker for disc/track/seek control.

MINIDISC RECEIVER

FEATURES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

MDX-C8500X MD Receiver

*Your songs in your sequence on your discs.
That's the beauty of MiniDisc in the car.*

- Wide Bit Stream processing
- 10-second Shock Resistant Memory
- SSIR-EXA Adaptive Reception tuner
- 18 FM + 12 AM presets
- Station Memo display
- 8x oversampling, 1-bit converter
- HX Digital Signal Processing (DSP)
- 7-band DSP equalization
- Soundstage height & width enhancement
- 4-volt front/rear/sub preamp outputs
- Subwoofer Hi-pass, Low-pass filters
- Xpiod power: 50 w x4
- CD/MD/TV control
- Custom File Memory & CD TEXT display
- Flip-down, detachable faceplate
- Rotary Encoder/cross-key control
- 4-color dot matrix negative LCD
- Spectrum Analyzer display
- Multi language (Eng/Sp/Fr) display
- Supplied wireless remote control
- Optional wired remote control

Digital Disc Recording. Digital, super-portable and almost unshockable, MiniDisc is the ideal recordable format for car audio. A single 2 1/2" disc can contain up to 80 minutes of music.

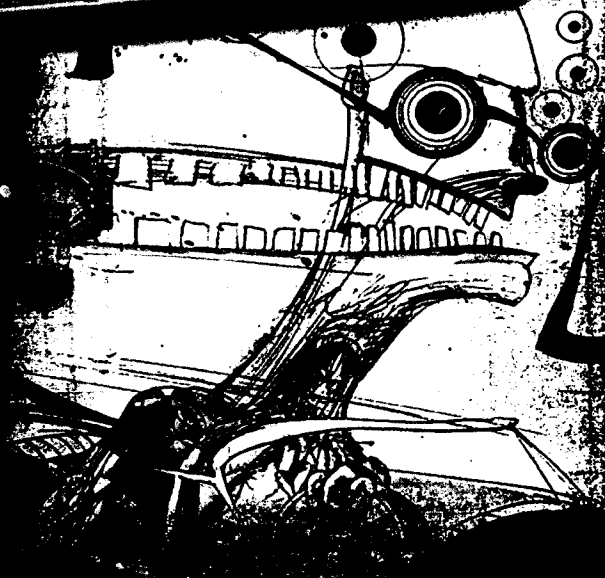
Wide Bit Stream. Sony's Wide Bit Stream processing uses a 20-bit data path through the digital filter and D/A converter. The result? Improved dynamic range and low-level linearity for lifelike sound.

Sony's HX Digital Signal Processing (DSP). Sony delivers digital precision, versatility and power with our HX DSP. Digital Equalization offers seven bands and five adjustable presets. Digital Seat Position tweaks and optimizes the stereo soundstage. The 2-Way Digital Crossover can deliver separate band-filtered outputs for Main speakers and Subwoofer. Finally, soundstage height and width enhancement can correct for limitations in car speaker placement.



NO
MORE BORING SONGS.
NO MORE FILLER.

MiniDisc lets you hear only the songs you like - in the digital audio you love! MiniDisc is the best way to record music - and the PERFECT way to take it on the road!



Ready For The Road. MD offers more than just recordability, great sound and convenience. MD is ready to take on the worst the road has to offer.

Housed in a protective caddy, MDs are easy to handle. Shock Resistant Memory handles seriously rough roads. And MDs can be re-recorded up to 1 million times

Name That Tune. MDs give you the power to label your recordings with disc and track titles, so you can access your favorite music quickly. The bright, 10-character display automatically scrolls titles for easy identification.

Mobile ES

LONG LIVE! CASSETTE RECEIVERS

And Long Live Sony cassette receivers. They deliver high performance, plus the ABILITY to control a CD or MD changer. So you can enjoy a complete tape/disc/radio system.

SONY



Full-Logic, 2-Motor Cassette Deck

Feather-touch controls respond to the slightest finger contact, while computer logic operation gives your cassettes "kid glove" treatment. Sony's 2-motor design reduces wow & flutter, provides power-assisted loading and even delivers faster Fast Forward!

Active Black Panel. Detachable faceplates aren't the only way to thwart thieves. When power is off, Sony's Active Black Panel looks just like an empty dashboard slot. There are no telltale knobs or buttons. Turn the receiver on via the remote and the entire panel is revealed to be a massive dot matrix LCD! Then touch the Open button to use the controls or load a cassette.

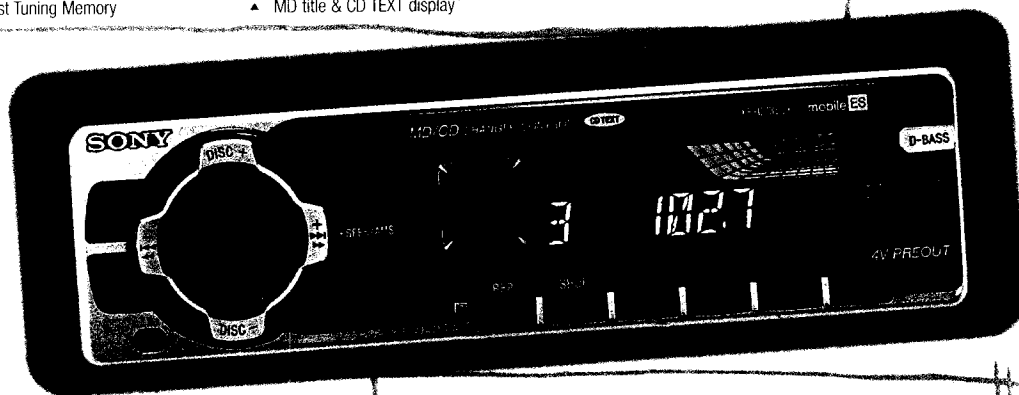
CD/MD Changer Control. Connect a Sony CD or MD changer for the added pleasures of digital disc playback. The front panel will display MD track and title names—as well as CD TEXT information. And Sony's CD Custom File Memory lets you store disc titles and your favorite track sequences.

XR-M550

Cassette Tuner

Turn it on and the Active Black Panel is the flashiest ever. Turn it off and it disappears!

- ▲ Active Black Panel (ABP)
- ▲ Full logic, 2-motor deck
- ▲ Dolby® B noise reduction
- ▲ Metal tape EQ
- ▲ SSIR-EXA Adaptive Reception tuner
- ▲ 18 FM + 12 AM presets
- ▲ Best Tuning Memory
- ▲ Station Memo display
- ▲ Automatic Tuner Activation
- ▲ 4-volt front/rear/sub preamp outputs
- ▲ Xplod power: 50 w x4
- ▲ CD/MD/TV/DSP control
- ▲ Custom File disc name memory
- ▲ MD title & CD TEXT display
- Rotary Encoder/cross-key control
- ▲ 4-color dot matrix negative LCD
- ▲ Spectrum Analyzer display
- ▲ Multi language (Eng/Sp/Fr) display
- ▲ Supplied wireless remote control
- Optional wired remote control



XR-C7350X

Cassette Tuner

Treat your cassettes with dignity and respect. Use Sony's super-smooth full logic 2-motor deck!

- Full logic, 2-motor deck
- Dolby B noise reduction
- Metal tape EQ
- SSIR-EXA Adaptive Reception tuner
- 18 FM + 12 AM presets
- Best Tuning Memory
- Automatic Tuner Activation
- 4-volt front/rear preamp outputs
- Xplod power: 50 w x4
- CD/MD/TV control
- MD title & CD TEXT display
- Rotary Encoder/cross-key control
- 3-color 13-segment negative LCD
- Red key illumination
- D-Bass with Auto Level Adjust
- Flip-down, detachable faceplate
- Optional wired & wireless remotes

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Now You See It...

Sony's Active Black Panel looks like an empty dashboard slot when it's off. But turn it on via the remote and the entire faceplate comes to life!

DISC TITLE
TRACK TITLE
ARTIST NAME



The Name Game.

Connect a CD changer and you'll automatically see the album titles and track titles of compatible CDs, thanks to CD TEXT capability.

CD CHANGER

THE GUY

WHO SAID "LESS IS MORE"
NEVER OWNED A SONY 10-DISC
CHANGER. With more discs, more songs and
MORE ways to enjoy music,
the SONY CDX-838 demonstrates the
new rule: more is
more.



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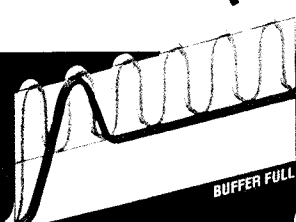
Advanced ESP. What earlier Electronic Shock Protection does, the Advanced ESP of the CDX-838 does more efficiently. Because it doesn't need to operate at a fixed 2X speed, laser pre-read is smarter and laser servo current is lower. Of course, you get the same, smooth CD playback, even over frost heaves, expansion joints and the occasional pothole.

Custom File Memory. A memory chip in the CD changer opens up a world of convenience. What disc is playing? Disc Memo™ display lets you store 8 character names for as many as 110 CDs. So instead of Disc 1 or 10, you'll be listening to ALANIS or ZYDECO. Memo List lets you scroll through the names of all the CDs, even while a disc is playing. Program Bank lets you skip the boring tracks—and hear only your favorites. Finally, DSP File remembers and automatically returns to your precise Digital Processor settings for any of 110 CDs!

CDX-838 10-CD Changer

Small, slick and loaded with features, the CDX-838 is a technological firecracker.

- | | |
|--|---|
| <ul style="list-style-type: none">• 8x oversampling digital filter• Optical digital output for use with digital preamplifier• Regulated, Delta-Sigma 1-bit pulse D/A converter• Advanced Electronic Shock Protection (ESP)*• Digital servo control optimizes focus & tracking gain | <ul style="list-style-type: none">• 4 Mbit buffer memory stores up to 3 seconds of audio data• Compact chassis• Fast CD change: under 7 seconds• CD TEXT capability• Custom File Memory for 110 CDs• Chassis mounted line outputs• Super Suspension shock isolation• Mount angle adjustable from 0° to 90° |
|--|---|



Smooth Operator.
Instead of jumping between Read and Pause modes (top), Advanced ESP fills the memory at high speed, then continues to read at normal speed (bottom). It's a smoother approach to ESP.



Direct Digital.
For the best connection to Sony's digital processors, the CDX-838 offers an optical digital output.

DIGITAL PROCESSOR

XDP-210EQ

Digital EQ/Preamplifier

Here's performance beyond the dreams of analog equalizers.

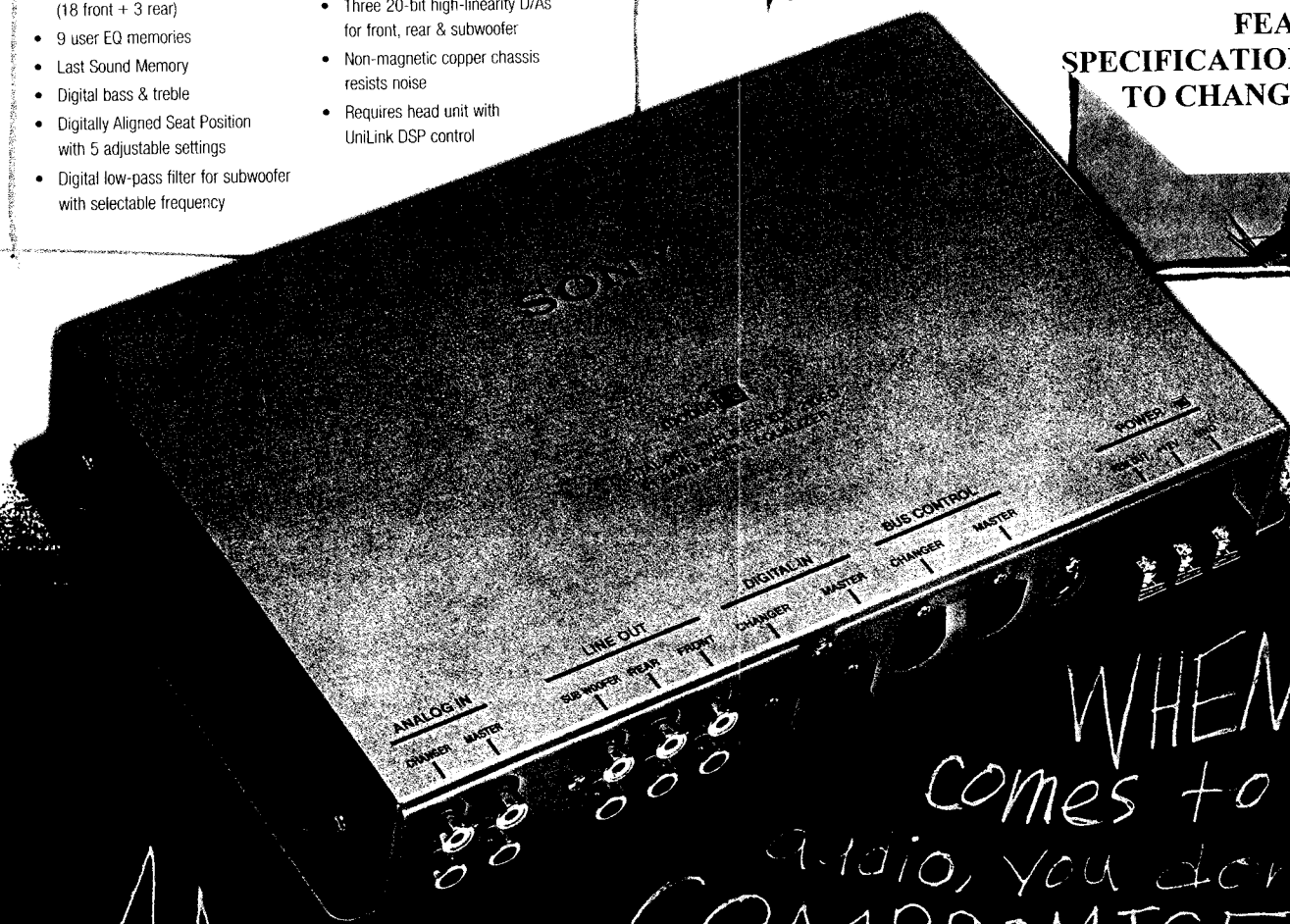
- Digital preamplifier bypasses head unit preamp functions
- 21-band Digital Equalizer (18 front + 3 rear)
- 9 user EQ memories
- Last Sound Memory
- Digital bass & treble
- Digitally Aligned Seat Position with 5 adjustable settings
- Digital low-pass filter for subwoofer with selectable frequency
- Digital front & rear high-pass filters with separately selectable frequencies
- Three 20-bit high-linearity D/As for front, rear & subwoofer
- Non-magnetic copper chassis resists noise
- Requires head unit with UniLink DSP control

Effortless Automation. If you hand-tweak Bass and Treble one way for FM, another for AM, and a third way for CD—your moment of liberation is at hand. Sony digital processing can automatically recall the equalization or soundfield you've chosen for each source. It can even recall your settings for each CD in a Custom File CD Changer!

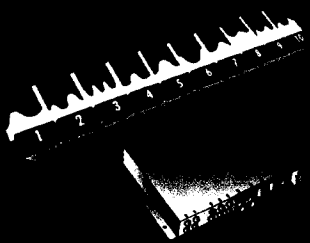
Digitally Aligned Seat Position.

Most audio systems create a proper stereo image only down the centerline of the car—exactly where you never sit! While Sony can't shift your seat, we can shift the stereo "sweet spot"—the point at which the sound from the speakers converges to form a coherent image. Digitally aligned seat positions synchronize the arrival of sound from all four speakers to wherever you're sitting. So for the first time, car stereo really has a stereo soundstage.

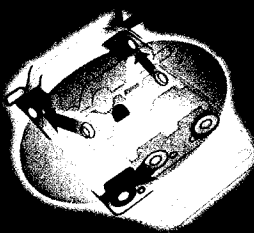
FEATURES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



WHEN IT comes to car audio, you don't COMPROMISE. So don't put up with ANALOG EQUALIZATION. DON'T tolerate a muddy soundstage. And don't limit yourself to analog crossovers. MOVE up to Digital Processing as only SONY CAN DO IT.



Don't Touch That Dial.
Don't struggle with controls while driving! Preset memories store your settings. And you can link a preset to a source: FM, AM, cassette or any Custom File CD.



Sweet Seat.
In most autosound systems, the stereo "sweet spot" is off to the driver's right. Sony digital processing can actually put the sweet spot where it belongs: directly aligned with you!

POWER AMPLIFIERS

You COULD KEEP a Sony POWER AMP at moderate levels and really appreciate the transparency, accuracy AND SUBTLETY of tone. You COULD use the VOLUME control judiciously.

Non-NFB Design

In most amplifiers, the output signal is sampled, mirrored and fed back into the input stage. It's called Negative Feedback (NFB) and it lowers distortion and improves specifications. But the NFB loop opens a path for the speaker to act as a microphone, sending the car's noises and other sounds back into the amplifier. They're amplified with the audio signal, blurring the image and compromising the system's sound quality. Sony breaks the loop by eliminating NFB. The result is a better sounding system, with improved clarity, focus and realism. To eliminate NFB, you need an amp built to higher standards. But Mobile ES is up to the task!

MOS FET Output Transistors
Compared to conventional bi-polar transistors, MOS FETs are blindingly fast. This improves transient response, especially in the higher frequencies to which the human ear is most sensitive. Because MOS FETs also have superb thermal stability, they don't need the regulation circuitry that can degrade transients and add unwanted series resistance. As a result, all your music becomes incredibly clean and life-like.



XM-7557

5/3 Channel Amplifier

Here are the channels to drive an entire front/rear/sub, front/sub or even sub/mid/tweeter system.

Power output, front/rear:

- 75 w x4, 2 Ω , 20-20 kHz, 0.04% THD
- 90 w x4, 2 Ω , 20-20 kHz, 0.1% THD
- 180 w x2, 4 Ω , 20-20 kHz, 0.1% THD

Power output, subwoofer:

- High voltage: 220 w x1, 4 Ω , 20-20 kHz, 0.04% THD
- High voltage: 280 w x1, 2 Ω , 20-20 kHz, 0.1% THD
- High current: 280 w x1, 1 Ω , 20-20 kHz, 0.1% THD

Features:

- Zero negative feedback design
- High-voltage/high-current modes
- Large power supply MOS FETs
- MOS FET final stage
- Low-cut & boost control
- Subwoofer level control
- Separate pre-driver/main/subwoofer power supplies
- 50-400 Hz or 500-4,000 Hz high-pass/lo-pass filter
- Connector cover panel

FEATURES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Be Not Afraid.

Go ahead. Drive a Sony subwoofer's dual 2-ohm voice coils in parallel. A conventional amp would faint. But Mobile ES amps can take it. They're stable all the way down to 1/2 ohm!



Separation Of Powers.

Separate front/rear power supplies in the XM-7547 and separate main/sub power supplies in the XM-7557 assure that the demands of your subwoofers (or rear speakers) will not constrain the sound quality of the fronts!

YOU COULD.
BUT YOU WON'T.

FEATURES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



XM-7547

4/3/2 Channel Amplifier

*Enough power to launch a moon shot.
Enough accuracy to land it on target.*

Power output, high voltage mode:

- 75 w x4, 4Ω, 20-20 kHz, 0.04% THD
- 75 w x2 + 150 w x1, 4Ω, 20-20 kHz, 0.1% THD
- 150 w x4, 2Ω, 20-20 kHz, 0.1% THD
- 300 w x2, 4Ω, 20-20 kHz, 0.1% THD

Power output, high current mode:

- 75 w x4, 2Ω, 20-20 kHz, 0.1% THD
- 150 w x2, 4Ω, 20-20 kHz, 0.1% THD

Features:

- Zero negative feedback design
- High-voltage/high-current modes
- Large power supply MOS FETs
- MOS FET final stage
- Low boost control
- Separate pre-driver/front/rear power supplies
- 50-400 Hz or 500-4,000 Hz high-pass/lo-pass filter
- Connector cover panel

High-Current/High-Voltage Modes.

The mode switch enables you to choose maximum voltage into 4-ohm speaker—and maximum current into “difficult” low-impedance loads. Thanks to the high-current mode, Mobile ES amplifiers excel with advanced and tricky speaker configurations. For example, you can drive the two voice coils of a Sony subwoofer in parallel. This 1-ohm load would scare the electrons out of many lesser amps, causing protection circuits to trip and the output to mute. But every Mobile ES amplifier can do it easily.

Independent Power Supplies. If an amp's power supply can't deliver, the sound quality suffers. That's why all Mobile ES amplifiers boast independent power supplies for the pre-driver and output stages. The pre-driver stage is stiffly regulated—for ultra stability and minimum distortion. The output stage is loosely regulated, for improved transient response, clarity and dynamic range.

XM-7527

2/1 Channel Amplifier

Perfect for driving subwoofers, this powerhouse is ultra-stable into amp-killing 1/2-ohm loads!

Power output, high voltage mode:

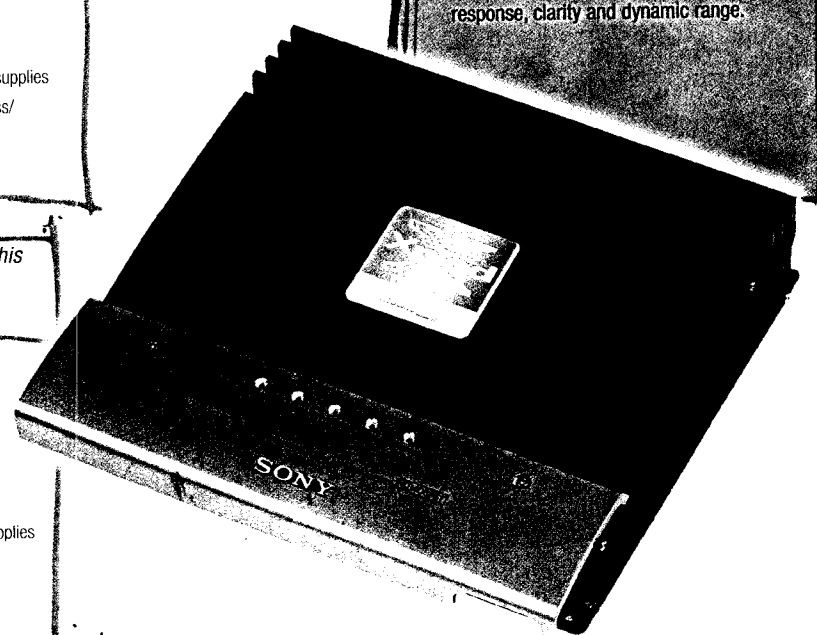
- 75 w x2, 4Ω, 20-20 kHz, 0.04% THD
- 150 w x2, 2Ω, 20-20 kHz, 0.1% THD
- 300 w x1, 4Ω, 20-20 kHz, 0.1% THD

Power output, high current mode:

- 75 w x2, 2Ω, 20-20 kHz, 0.1% THD
- 150 w x2, 1Ω, 20-20 kHz, 0.3% THD
- 180 w x2, 0.5Ω, 20-20 kHz, 0.3% THD
- 150 w x1, 4Ω, 20-20 kHz, 0.1% THD
- 360 w x1, 1Ω, 20-20 kHz, 0.3% THD

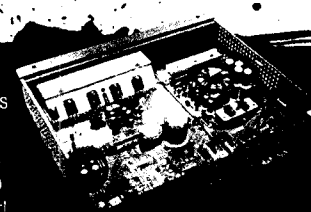
Features:

- Zero negative feedback design
- High-voltage/high-current modes
- Large power supply MOS FETs
- MOS FET final stage
- Low-cut & boost control
- Separate pre-driver/final power supplies
- 50-200 Hz high-pass/lo-pass filter
- Connector cover panel



The Power Of Ten.

The XM-7547 and XM-7557 crossover filters lead a double life. At the 1X position, they perform sub/main crossover (50 to 400 Hz). At the 10X position, they operate at 500 to 4,000 Hz, for midrange/tweeter crossover!



Stiffed.

The output stages of Sony ES amplifiers are loosely regulated for the best dynamics. But the input stages are quite stiffly regulated, for optimum transparency.



SPEAKERS

SONY'S XPLÖD speakers project a whole different attitude. You can see it in the AGGRESSIVE RED DESIGN. You can FEEL it in the magnesium alloy drivers. And when you hit the road and slip in a CD, you can MOST DEFINITELY HEAR it.



XS-HF78

6 1/2" 2-Way Speaker System

Music comes alive when the XS-HF78 creates your front soundstage.

- ▲ 6 1/2" magnesium alloy cone woofer
- Die-cast aluminum woofer frame
- 1" magnesium alloy dome tweeter
- Durable Santoprene rubber surround
- Compact, 12 dB/octave crossover

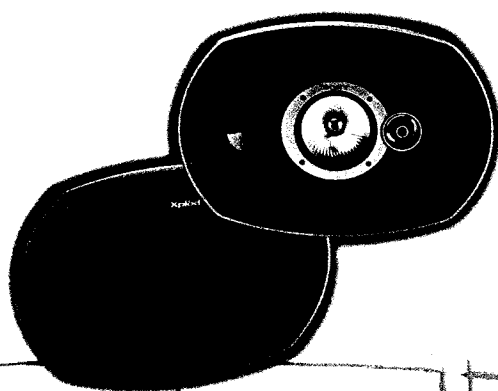
XS-HF58

5 1/4" 2-Way Speaker System

Take the same brilliant tweeter as the XS-HF78 and match it to a slightly smaller woofer. That's the XS-HF58.

- 5 1/4" magnesium alloy cone woofer
- Die-cast aluminum woofer frame
- 1" magnesium alloy dome tweeter
- Durable Santoprene rubber surround
- Compact, 12 dB/octave crossover

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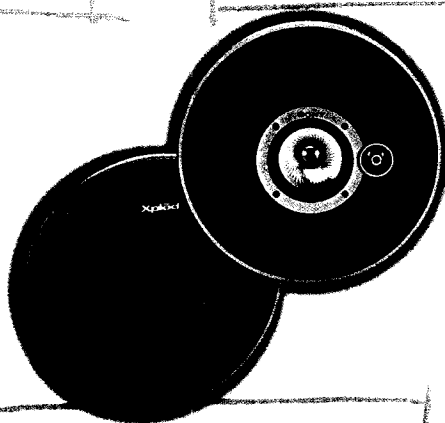


XS-V6955G

6x9" 3-Way Speakers

The 6 x 9 speaker will never be the same.

- ▲ 6x9" H.O.P. cone woofer
- ▲ 2 1/2" metal midrange
- 1" PEI balanced dome tweeter
- High compliance rubber surround
- Built-in 2-way crossover
- Gold-plated 5-way binding posts
- Aluminum die-cast frame
- Center-path speaker wiring
- 230 w Maximum Input Power

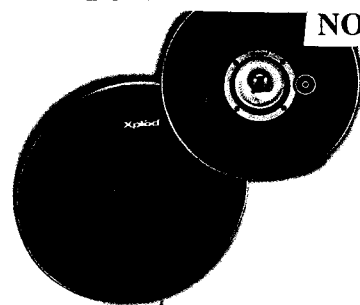


XS-V1655G

6 1/2" 3-Way Speakers

This could well be the most technology ever put into 6 1/2".

- ▲ 6 1/2" H.O.P. cone woofer
- 2" metal midrange
- 1/2" PEI balanced dome tweeter
- High compliance rubber surround
- Built-in 2-way crossover
- Gold-plated 5-way binding posts
- Aluminum die-cast frame
- Center-path speaker wiring
- 200 w Maximum Input Power



XS-V1355G

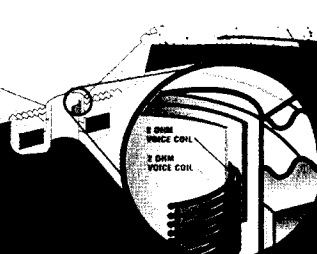
5 1/4" 3-Way Speakers

The doors of your car are an opportunity for first-rate sound. Sony proves it.

- 5 1/4" H.O.P. cone woofer
- 1 1/2" metal midrange
- 1/2" PEI balanced dome tweeter
- High compliance rubber surround
- Built-in 2-way crossover
- Gold-plated 5-way binding posts
- Aluminum die-cast frame
- Center-path speaker wiring
- 150 w Maximum Input Power



The Magic Of Magnesium.
Today's sleekest laptop computers have magnesium chassis for high strength and light weight. Sony's XS-HF78 and HF58 use a magnesium alloy woofer cone for precisely the same reasons.



Double Or Nothing.
Unlike other dual voice coil designs, Sony's XS-L1260G uses 2-ohm coils. So you can drive them in series (4 ohms) or even in parallel (1 ohm)—providing you've got a Sony Mobile ES amp.

XS-L1260G

12" Dual Voice Coil Subwoofer

Mobile ES amplifiers now have the perfect match.

- 12" compound Polypropylene cone
- ▲ Dual 2 ohm voice coils for series (4 ohm) or parallel (1 ohm) operation
- 4-wrap edge-wound voice coils
- Rugged Santoprene rubber surround
- Dual damper suspension
- Aluminum die-cast frame
- Parabolic focused flux magnetic circuit
- Gold-plated binding post input connectors



XS-L1250G

12" Subwoofer

The bass extends very low. Yet the standards are uncommonly high.

- ▲ 12" compound Polypropylene cone
- Rugged Santoprene rubber surround
- 4-wrap edge-wound voice coil
- Dual damper suspension
- Aluminum die-cast frame
- Parabolic focused flux magnetic circuit
- Gold-plated binding post input connectors

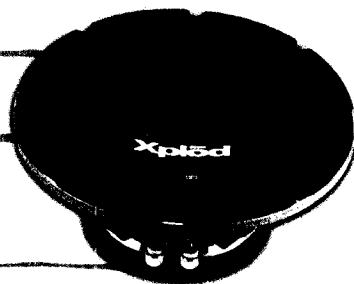


XS-L1050G

10" Subwoofer

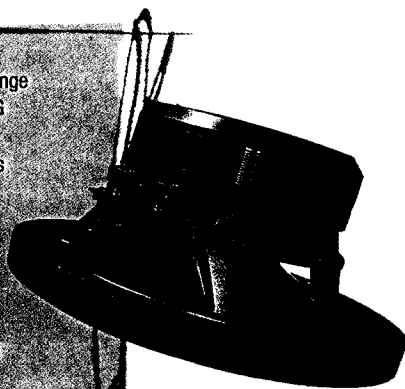
Now even small enclosures can produce deep, prodigious, effortless bass.

- 10" compound Polypropylene cone
- Rugged Santoprene rubber surround
- 4-wrap edge-wound voice coil
- Dual damper suspension
- Aluminum die-cast frame
- Parabolic focused flux magnetic circuit
- Gold-plated binding post input connectors



Crossover Clarity. For greater midrange transparency, the XS-V6955G, V1655G and V1355G feature a unique 2-way built-in crossover. The low-pass coil is actually wound around the woofer magnet, to achieve maximum performance in minimum space.

We're Golden. These speakers also feature gold-plated 5-way binding posts to accommodate your choice of high-end speaker cable.



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Component Tweeters. The tweeters of the XS-HF58 and XS-HF78 are dome-shaped for wide dispersion. Fluid cooled for high power handling. And they're made of magnesium alloy for "fast" transient response to match the magnesium alloy woofers.

Compliant Surrounds. Sony uses highly flexible, dimensionally accurate Santoprene, rubber and urethane for the woofer surrounds. The benefits are high sensitivity—and low distortion.

Dual Voice Coil. Sony's exotic XS-L1260G uses two 2-ohm coils. For conventional amps, connect the coils in series (4 ohms total). For Mobile ES amps, enjoy the added power of running in parallel (1 ohm total).

High-Temperature Voice Coils. The voice coil is where drivers get "fried." And here's where Sony Mobile ES uses high-temperature voice coils and bobbins. As a result, Sony speakers have impressive resistance to burnout.

Maximum Stiffness, Minimum Mass. Lightweight cones respond to musical transients much more quickly. High stiffness means low distortion. How does Sony combine lightness and strength? With advanced materials like Pressed Aluminum, Magnesium Alloy and Highly Oriented Polyolefine (H.O.P.).

Highly Oriented Polyolefine (H.O.P.). Extreme heat and pressure align the Polyolefine strands. This "highly oriented" arrangement is 30 times as strong per unit weight as Polypropylene. So woofer and midrange cones resist flexing and distortion. They can follow signal changes with phenomenal accuracy—even at high SPL. We can also make the cones much thinner and far lighter, for faster musical transients. Finally, the material's strength enables a hyperbolic cone shape for superior dispersion, excellent off-axis response.

Strontium Magnets. Autosound speakers must achieve high acoustic output in the limited confines of a car door, a dashboard or a rear deck. Sony's Strontium Magnets pack tremendous magnetic energy in a small size. You get Sound Pressure Levels of 87 dB or more—from a single watt of input power!

A Place For Ribs.

For awesome transients, Sony's metal midrange is made from extremely thin, extremely light aluminum. For super-low distortion, Sony formed the aluminum with radial, reinforcing ribs.

The Die Is Cast.

Die-cast aluminum frames result in clearer, more precisely focused sound.

And Sony's center path wiring feeds signal to the tweeter—without puncturing the cone of the woofer.

AUDIO/VIDEO WANT TO

KEEP those animals in the back seat under control? While you enjoy music, try entertaining them with VIDEO GAMES. Or their favorite movies and videos. Or even over-the-air TV broadcasts.

That's the Power of SONY MOBILE AUDIO/Video/TV

FEATURES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Transforming the

Passenger Car. Not long ago, video screens* were limited to places with lots of room: homes, yachts, limousines and RVs. Few thought of putting them in passenger cars. But Sony did. Our ultra-slim LCD monitors mount easily into ceilings or seat-backs, providing the full range of A/V entertainment to your rear seat passengers!

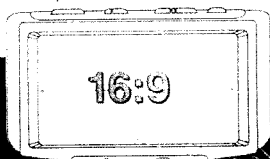
A World of Video Sources. Sony spearheaded the home video revolution, so Sony knows there's more to life than over-the-air television. In addition to TV broadcasts, our monitors accommodate VHS, DVD, camcorders and video game consoles.

DVP-F5

DVD Discman Player

Enjoy the brilliance of digital pictures and digital sound—wherever you drive!

- Super-slim Discman® portable design
- Dimensions: 7 1/2 x 5 1/2 x 5/8"
- Compatible with DVD, Audio CD & Video CD formats
- Horizontal resolution >500 TV lines
- 16x9 capability to match the Sony XTL-750 16x9 widescreen monitor
- Advanced SmoothScan™ & SmoothSlow special effects
- Virtual Enhanced Surround modes
- SRS® headphone surround modes
- Dual Discrete™ optical pickup optimizes both CD & DVD
- Composite & S-Video outputs
- Dolby Digital & dts™ pass-through for external 5.1 channel decoder
- Optical digital output
- Letterbox, Pan & Scan
- Supplied wireless remote control



Another Aspect.

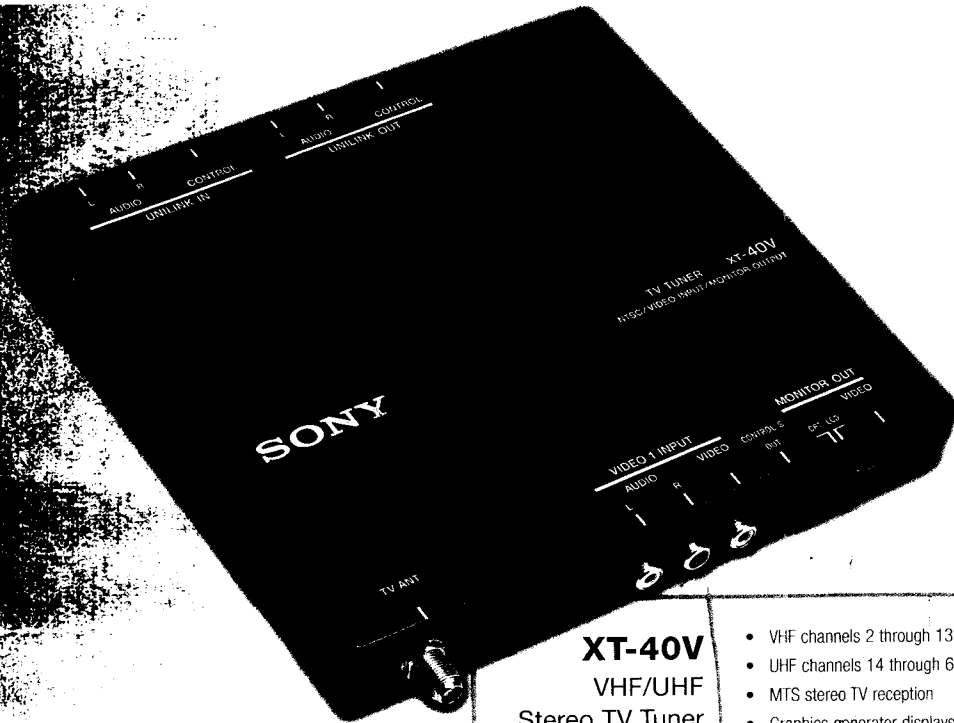
Modern movies use a widescreen aspect ratio. So do many DVDs. That's why the DVP-F5 supports the 16:9 widescreen aspect ratio. And that's why Sony offers a matching 16:9 Mobile A/V screen!



Two Cool.

Sony's Dual Discrete system incorporates two laser pickup blocks.

One is designed for the parameters of CD. The other is optimized for DVD.



XT-40V VHF/UHF Stereo TV Tuner

*Your favorite TV shows
just hit the road!*

- VHF channels 2 through 13
- UHF channels 14 through 69
- MTS stereo TV reception
- Graphics generator displays Station Memo names, Disc Memo names & CD TEXT on your video monitor
- Hideaway chassis mounts in your trunk
- Requires an in-dash Receiver with UniLink TV control

FEATURES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

SVX-800 VHS Hi-Fi Videocassette Player

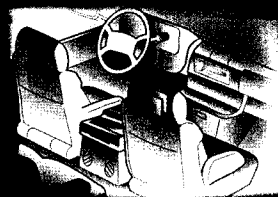
- Ultra-sleek, space-saving chassis
- Ruggedized transport for mobile applications
- Wired remote control lets you hide the player in the trunk
- 4-head playback for superb special effects
- VHS Hi-Fi stereo sound
- 90 dB audio dynamic range
- Two headphone outputs for flexible audio configurations
- Stereo AV output
- Quasi S-VHS playback for compatibility
- SP/LP speed auto select

*Movies, concert videos, cartoons
and camcorder tapes come alive
with the SVX-800.*



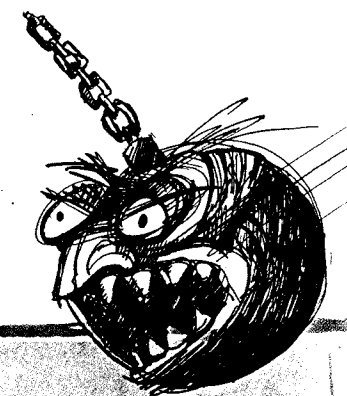
Separate Ways.

Simultaneous Play lets your rear-seat passengers hear video sound tracks on headphones while the rest of you listen to AM, FM, cassette, CD or MD.



A Fitting Proposal.

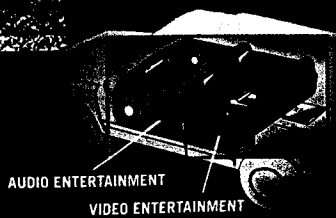
Perfect for rear-seat entertainment, the SVX-800 VHS Player is slim enough that it often fits between the two front seats!



Audio/Video Integration. Thanks to the UniLink® control bus, you can combine audio and video components into a single, unified system. The XT-40V TV Tuner connects to any Sony in-dash Receiver with TV control.

Two-Zone Entertainment. By integrating video and audio, you can hear the video sound tracks over your autosound speakers. Or Simultaneous Play enables the rear seat passengers to enjoy video sound tracks on headphones while the driver listens to AM, FM, cassette, CD or MD!

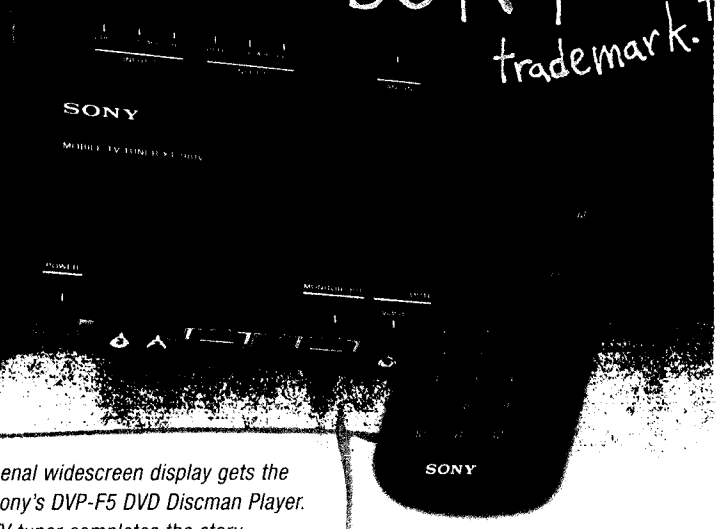
Independent Left and Right Video. Here's a technological solution to back seat squabbles! Sony lets you install two video monitors—and enjoy the same or different video sources on each. So one person can watch TV while the other plays a video game—and you enjoy a newfound sense of harmony.



AUDIO ENTERTAINMENT
VIDEO ENTERTAINMENT

AUDIO/VIDEO

When it comes to Video Picture Quality,
SONY RULES. So when it comes to
mobile video monitors,* **SONY WILL BLOW**
YOU AWAY. Get ready for 16x9 widescreen
performance. Fasten your seatbelt for WIDER VIEWING
angles, true colors and the
bright, beautiful images
that are a **SONY**
trademark.†



Thin-Film Transistors (TFT). As a leader in television, Sony is uniquely suited to engineering Mobile Audio/Video displays. And as a player in laptop computers, Liquid Crystal Display viewfinders and LCD projectors, Sony has a wealth of LCD experience from which to draw. That's why all our Mobile LCD monitors use active matrix TFT technology. You'll see crisp motion and high brightness across an impressively wide viewing angle.

XTL-750W
7" Widescreen
Receiver/Monitor

The phenomenal widescreen display gets the most from Sony's DVP-F5 DVD Discman Player. A supplied TV tuner completes the story.

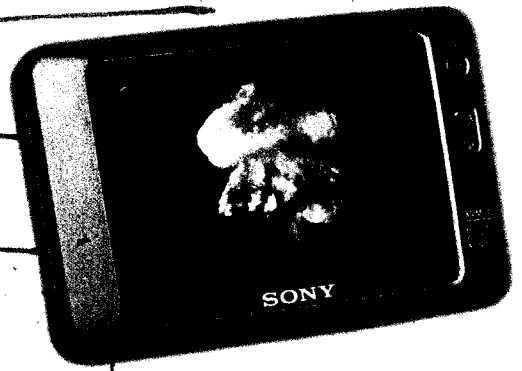
- ▲ 7" diagonal LCD screen
- ▲ 16x9 widescreen aspect ratio brings out the best in DVDs
- ▲ Wide & Zoom functions accommodate conventional 4x3 aspect ratio programs
- Bright, TFT active matrix display
- High-resolution images
- ▲ VHF/UHF MTS capable TV tuner
- Stereo A/V input for DVD or VHS
- ▲ Ultra-slim stereo speakers
- RGB connection from control unit to monitor for maximum picture quality
- Wireless remote control
- On-screen menus

FEATURES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

XVM-42
4" LCD Monitor

The go-anywhere monitor that brings the world of video images onto the highway.

- 4" diagonal LCD screen
- Super compact size
- Bright, TFT active matrix display
- High-resolution 105,600 pixel array
- Hue, Contrast, Brightness adjustments
- Video & audio phono jack inputs
- Built-in speaker, level control
- Supplied swivel-mount bracket



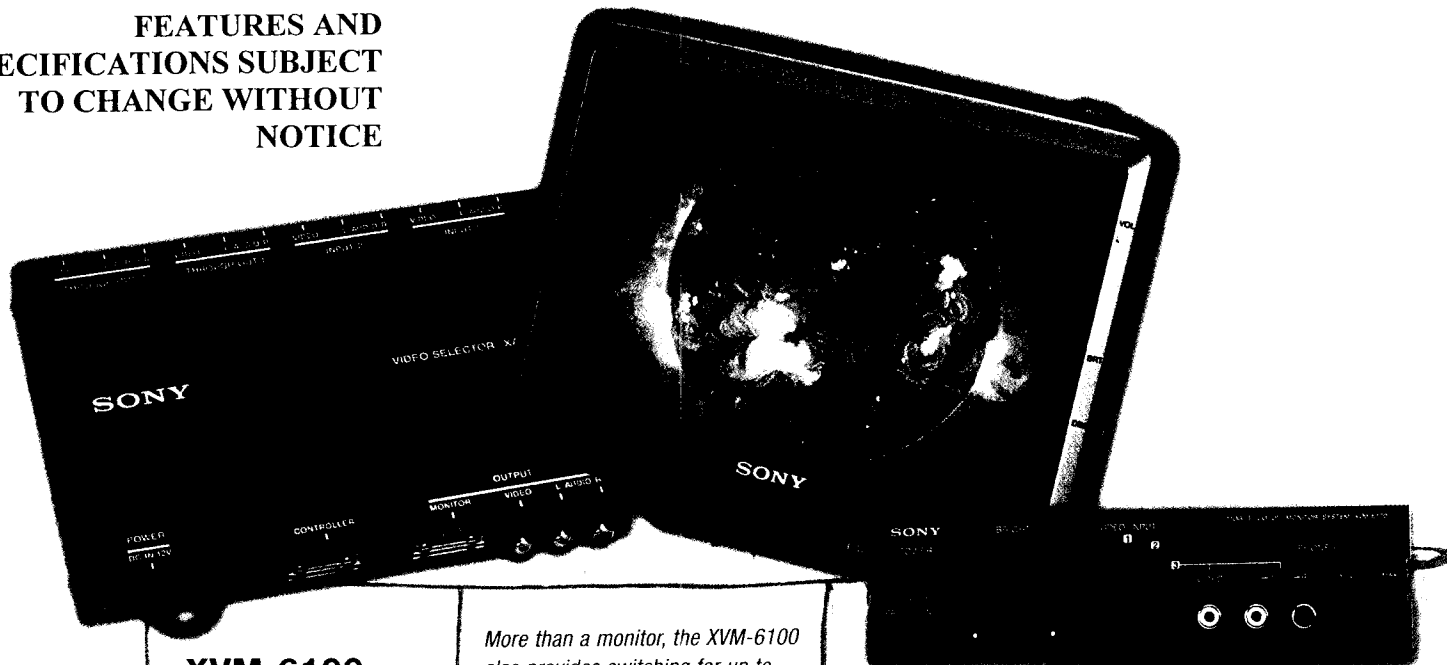
Slim Waist Line.

Not only does the XTL-750W have exceptional picture clarity and color, but with its slim 1 3/8" depth, fitting it into your vehicle's interior will be easier than losing that extra five pounds.

Getting Ahead.

Sony's 4" models are so slender, they can mount flush into the front seat headrests.

**FEATURES AND
SPECIFICATIONS SUBJECT
TO CHANGE WITHOUT
NOTICE**



XVM-6100
6" LCD Monitor

*More than a monitor, the XVM-6100
also provides switching for up to
three video inputs.*

- 6" diagonal LCD screen
- Bright, TFT active matrix display
- High-resolution images
- ▲ Separate DIN-sized control panel with headphone output & level control
- ▲ 3 stereo AV inputs to accommodate DVD, VHS & TV tuner
- ▲ A/V pass-through for multiple monitors
- Left/right monitors can display the same or different video programs
- Ultra-slim monitor, only 30 mm deep
- RGB connection from control unit to monitor for maximum picture quality
- NTSC/PAL compatible



16:9 Widescreen Display. Conventional television has an almost-square screen, with a width-to-height "aspect" ratio of 4:3. Today's leading-edge widescreen displays have the new aspect ratio of 16:9. It's great for the latest video sources, including DVD. To make the most of this development, the XTL-750W is a widescreen design. Of course, its Wide and Zoom functions gracefully accommodate conventional, 4:3 programming.

Flexible Mounting. Sony LCD monitors are built with the understanding that space is often at a premium. These slender, low-profile designs are often placed in the seat backs or headrests. And Sony's optional ceiling bracket (GMD-610) even makes use of the real estate overhead.

That's Entertainment! With Sony Mobile Audio/Video, your viewing options go beyond simply watching TV. You can also connect VHS, DVD, a camcorder or video game! The XVM-6100 includes flexible input switching. And with Sony monitors, all your sources will look great.



XVM-6000
6" LCD Monitor

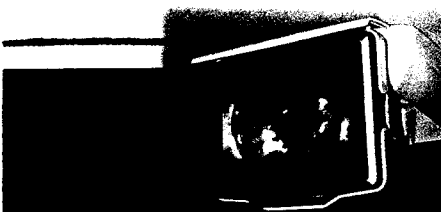
*Video comes alive on
this bright, beautiful
6" diagonal screen.*

- ▲ 6" diagonal LCD screen
- Bright, TFT active matrix display
- High-resolution 224,640 pixel array
- Ultra-slim monitor, only 30 mm deep
- RGB connection from control unit to monitor for maximum picture quality
- NTSC video standard
- Compact connection subchassis
- Stereo audio/video inputs
- 2" speaker with level control

Things Are Looking Up.

Another clever mounting option is Sony's optional ceiling (GMD-610) bracket.

You can swing the monitor down to view—and swing it back up when you're done!



MOBILE Es SPECIFICATIONS

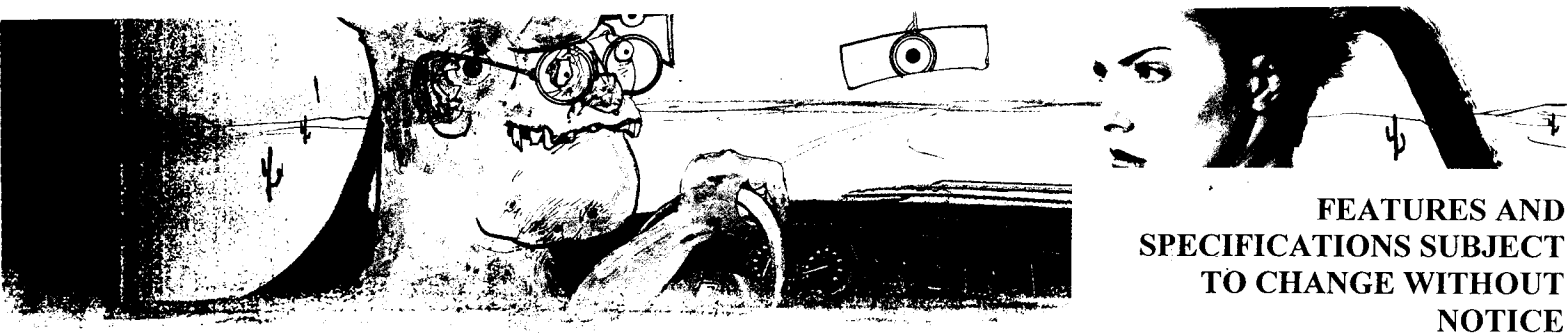
FEATURES AND
SPECIFICATIONS SUBJECT
TO CHANGE WITHOUT
NOTICE

CD Receivers & CD Changer	CDX-C90	CDX-M750	CDX-M650	CDX-C8050X	CDX-C7050X	CDX-C5050X	CDX-838
Electronic Shock Protection (ESP)	Yes	—	—	—	—	—	Yes
UniLink Control	CD, MD, TV, DSP	CD, MD, TV	CD, MD, TV, DSP	CD, MD, TV	CD, MD, TV	CD, MD, TV	Yes
Custom File Capability	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CD TEXT Capability	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Optical Digital Output	With XA-D210	—	—	—	—	—	Yes
Sony HX Digital Signal Processing	—	Yes	—	Yes	—	—	—
Adaptive Reception	Yes	Yes	Yes	Yes	Yes	Yes	—
Preamplifier Outputs	4 Volt F/R/Sub	4 Volt F/R/Sub	4 Volt F/R/Sub	4 Volt F/R/Sub	4 Volt F/R/Sub	4 Volt F&R	2.1 Volt
Faceplate	Motorized Detachable	Active Black Panel	Active Black Panel	Flip Down Detachable	Flip Down Detachable	Flip Down Detachable	—
Wired, Driver's Remote	Supplied, includes Rotary Encoder	Optional	Optional	Optional	Optional	Optional	—
Wireless Remote	Supplied	Supplied	Supplied	Supplied	Supplied	Supplied	—
CD Signal-to-Noise Ratio	109 dB	90 dB	90 dB	90 dB	90 dB	90 dB	99 dB
Power Output (max.)	—	50 w x4	50 w x4	50 w x4	50 w x4	50 w x4	—

MD & Cassette Receivers	MDX-C8500X	XR-M550	XR-C7350X
Full Logic, 2-Motor Deck	MiniDisc	Yes	Yes
Dolby Noise Reduction	—	B Type	B Type
UniLink Control	CD, MD, TV	CD, MD, TV, DSP	CD, MD, TV
Custom File Memory/CD TEXT Display	Yes/Yes	Yes/Yes	Yes/Yes
Station Memo Display	Yes	Yes	Yes
Preamplifier Outputs	4 Volt F/R/Sub	4 Volt F/R/Sub	4 Volt F&R
Sony HX Digital Signal Processing	Yes	—	—
Display Type	4-Color Dot LCD	4-Color Dot LCD	3-Color 13-Segment LCD
Faceplate	Flip Down Detachable	Active Black Panel	Flip Down Detachable
Wired, Driver's Remote	Optional	Optional	Optional
Wireless Remote	Supplied	Supplied	Optional
Tape Frequency Response	10 Hz–20 kHz (MD)	30 Hz–20 kHz	30 Hz–18 kHz
Tape S/N Ratio, Dolby NR Off/B, Type IV	90 dB (MD)	61/67 dB	61/67 dB
Wow & Flutter, WRMS	NA	0.08%	0.08%
Power Output (max.)	50 w x4	50 w x4	50 w x4

Digital Processors	XDP-4000X	XDP-210EQ
Digital Equalization	10 Band, ± 12 dB	—
Digital Bass & Treble	Full parametric EQ with 10L + 10R bands, adjustable frequency & slope	198/250/314/396 Hz Bass, 2/3.1/4/5 kHz Treble; ± 12 dB
Digital Soundfields	—	10, 10-step effect level
Processor Memories	10 EQ + 10 CNW	10 User-Defined SUR
Processor File Memory	EQ link to Custom File CD	SUR link to Custom File CD
Digitally Aligned Seat Positions	8 Memory, 0–635 inches	5 Memory, 12-step adjustable F-R, L-R
Digital High-Pass Filter	78/99/500/793 Hz, 1.25/4.0/5.03/6.34 kHz, -24/36/72 dB/octave	—
Digital Low-Pass Filter	78/99/500/793 Hz, 1.25/4.0/5.03/6.34 kHz, -24/72 dB/octave	62/78/99/125/157 Hz, -48 dB/octave
Optical Digital Input	One	Two
Analog Input	One	Two
Frequency Response	5–20 kHz, +0, -3 dB	15–20 kHz, +0, -1 dB
Signal-to-Noise Ratio	>105 dB (optical input)	>103 dB
Dimensions (w x h x d)	9-7/8 x 1-3/4 x 7-1/4" (249 x 45 x 183 mm)	9-3/4 x 1-3/4 x 6-1/2" (245 x 45 x 145 mm)





FEATURES AND SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Power Amplifiers	XM-2000R	XM-7527	XM-7547	XM-7557
Channels	2	2/1	4/3/2	5/3
MOS FET Power Supplies	PWM x4 + FET	Twin	Triple	Triple
Separate Power Supply Rails	Pre-Driver, Final	Pre-Driver, Final	Pre-Driver, F & R	Pre-Driver, Main & Sub
4 Ohm Output Power (20-20 kHz)	300 w x2; 0.02% THD	75 w x2; 0.04% THD (high-voltage)	75 w x4; 0.04% THD (high-voltage)	75 w x4 + 220 w x1; 0.04% THD; (high-voltage)
2 Ohm Output Power (20-20 kHz)	600 w x2; 0.02% THD	150 w x2; 0.1% THD (high-voltage)	150 w x4; 0.1% THD (high-voltage)	90 w x4 + 280 w x1; 0.1% THD; (high-voltage)
1 Ohm Output Power (20-20 kHz)	1,000 w x2; 0.02% THD	150 w x2; 0.3% THD (high-current)	150 w x4; 0.3% THD (high-current)	Sub 280 w x1; 0.1% THD; (high-current)
Bridged Power (4 ohms, 20-20 kHz)	—	300 w x1; 0.1% THD (high-voltage)	300 w x2; 0.1% THD (high-voltage)	180 w x2 + 220 w x1; 0.1% THD (high-voltage)
Dimensions (w x h x d)	28-1/2 x 4-1/2 x 17-3/4" (726 x 115 x 451 mm)	12-5/8 x 3-3/8 x 11-1/4" (322 x 83.5 x 260 mm)	20-7/8 x 3-3/8 x 11-1/4" (532 x 83.5 x 260 mm)	25-1/8 x 3-3/8 x 11-1/4" (637 x 83.5 x 260 mm)

Speakers	XS-HS1	XS-HS4	XS-HS6	XS-HF78	XS-HF58	XS-V6955G	XS-V1655G	XS-V1355G
System Type	Tweeter	Hi/Mid	Lo/Mid	2-Way component	2-Way component	3-Way	3-Way	2-Way
Woofer Size	—	4"	6"	6-1/2"	5-1/4"	6 x 9"	6-1/2"	5-1/4"
Woofer Material	—	Aluminum	Aluminum	Magnesium Alloy	Magnesium Alloy	H.O.P.	H.O.P.	H.O.P.
Woofer Surround	—	Santoprene	Santoprene	Rubber	Rubber	Rubber	Rubber	Rubber
Midrange Size	—	—	—	—	—	2 x 3"	2"	1-1/2"
Midrange Material	—	—	—	—	—	H.O.P.	H.O.P.	H.O.P.
Tweeter Type	1" dome x2	—	—	1" dome	1" dome	3/4" bal. dome	3/4" bal. dome	1/2" bal. dome
Tweeter Material	Titanium	—	—	Magnesium Alloy	Magnesium Alloy	Polycarbonate	Polycarbonate	Polycarbonate
Maximum Input Power	300 w	300 w	300 w	180 w	150 w	220 w	190 w	150 w
Frequency Response	5 kHz–30 kHz	300 Hz–8,000 Hz	50 Hz–2,000 Hz	30 Hz–30 kHz	35 Hz–30 kHz	28 Hz–28 kHz	30 Hz–26 kHz	40 Hz–26 kHz
Sensitivity, 1 w, 1 m	89 dB	89 dB	87 dB	90 dB	90 dB	92 dB	90 dB	90 dB
Mounting Diameter, Depth	1-1/2 x 3-1/4"; 1" (38 x 87 mm; 23.5 mm)	3-7/8"; 1-5/8" (98 mm; 41 mm)	5-5/8"; 2-1/4" (142 mm; 57.3 mm)	5"; 2-3/8" (127 mm; 59 mm)	5"; 2-1/8" (127 mm; 54.5 mm)	6 x 8-3/4"; 3-1/2" (151 x 220 mm; 86 mm)	5"; 2-1/2" (127 mm; 61 mm)	4-3/4"; 2-1/8" (119 mm; 53 mm)

Speakers	XS-HS12	XS-HS10	XS-L1260G	XS-L1250G	XS-L1050G
System Type	Subwoofer	Subwoofer	Subwoofer	Subwoofer	Subwoofer
Woofer Size	12"	10"	12"	12"	10"
Woofer Material	Pressed Aluminum	Pressed Aluminum	Polypropylene	Polypropylene	Polypropylene
Woofer Surround	Santoprene	Santoprene	Santoprene	Santoprene	Santoprene
Voice Coils	Dual	Dual	Dual	Single	Single
Maximum Input Power	1,000 w	800 w	450 w	450 w	400 w
Frequency Response	10 Hz–1,000 Hz	20 Hz–1,000 Hz	20 Hz–3,000 Hz	20 Hz–3,000 Hz	25 Hz–3,000Hz
Sensitivity, 1 w, 1 m	89 dB	88 dB	87 dB	88 dB	88 dB
Mounting Diameter, Depth	11-1/8"; 5-3/8" (280 mm; 134 mm)	8-7/8"; 4-3/4" (223.5 mm; 118 mm)	11-1/8"; 4-7/8" (280 mm; 122 mm)	11-1/8"; 4-7/8" (280 mm; 122 mm)	9-1/4"; 4-3/8" (232 mm; 109 mm)

Video Monitors	XVM-42	XTL-750W	XVM-6100	XVM-6000
Television System	NTSC Color	NTSC Color	NTSC & PAL Color	NTSC Color
Screen Size	4" diagonal	7" 16x9 widescreen diagonal	6" diagonal	6" diagonal
Display Type	TFT active matrix liquid crystal display	TFT active matrix liquid crystal display	TFT active matrix liquid crystal display	TFT active matrix liquid crystal display
Audio/Video Inputs	1	Built-in TV tuner; 1 in.	1/2/3	1/2/3
Dimensions	5-1/2 x 3-5/8 x 2" (138 x 92 x 51 mm)	8-1/4 x 4-1/2 x 1-3/8" (215 x 126.5 x 34 mm)	6-3/8 x 5-1/8 x 1-1/8" (162 x 129 x 31 mm)	6-3/8 x 5-1/8 x 1-1/8" (162 x 129 x 31 mm)

DVD Player	DVP-F5
Format	DVD Video, CD Video, CD Audio
Video Signal	NTSC Color, EIA standard
Dimensions	7-1/2 x 5-1/2 x 5/8" (189 x 137 x 16 mm)

Videocassette Player	SVX-800
Format	VHS
Video Signal	NTSC Color, EIA standard
Playing Time (T-120)	SP: 2 hrs.; EP: 6 hrs.
Dimensions	9-3/4 x 3-1/2 x 8-1/8" (250 x 88 x 205 mm)

TV Tuner	XT-40V
Television System	NTSC Color, EIA standard
Channel Coverage	VHF: 2 to 13; UHF: 14 to 69
Audio Reception	MTS stereo
Dimensions	11-1/2 x 1-3/4 x 7-1/8" (292 x 45 x 181 mm)

*The best products deserve
the best protection.*

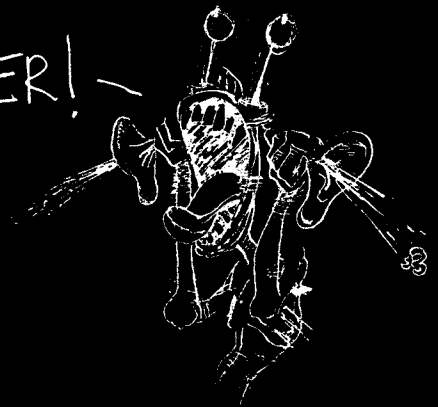
MOBILE ES TRIPLE X PROGRAM

Sony's Triple X Program is the consummate protection for your sound investment. This comprehensive coverage applies to any Mobile ES product purchased from and installed by an authorized Sony Mobile ES Dealer.

When you purchase any Mobile ES product from one of Sony's authorized Mobile ES Dealers, you're working with a specially trained professional. You've got someone who is qualified to answer your questions and do the job right.

The Triple X Program means an extended warranty period, an exchange program and extra protection should your detachable faceplate ever be stolen.†

LOUDER!



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* Some states restrict the use of screens and televisions in vehicles. Where use is permitted, the units should not be installed or operated so as to be viewable by the driver.

† Triple X Program does not cover Mobile Audio/Video equipment.

‡ CD-R Playback in Sony Mobile CD Players: in some cases, a CD-R with dirt, scratches or other defects may not play back properly. Please read and follow all directions for the CD-R and the CD-R Recorder. If the CD-R is not finalized at the completion of the recording session, the CD-R may not play back properly. CD-RW discs cannot be played.

SONY

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