

**SONY**

FEATURES AND  
SPECIFICATIONS  
SUBJECT TO CHANGE  
WITHOUT NOTICE

# **KV-32XBR85**

**32" TRINITRON® XBR®  
STEREO-COLOR TV**

- TRINITRON PICTURE TUBE WITH DEEP BLACK SCREEN
- INTEGRATED CABINET DESIGN WITH MIDNIGHT MAPLE™ BASE FINISH
- BI-CMOS VIDEO PROCESSOR FOR SUPERIOR IMAGE QUALITY
- DIGITAL COMB FILTER TO REDUCE DISTORTION
- TWIN-VIEW™ 2-TUNER PICTURE-AND-PICTURE
- DYNAMIC ACOUSTIC CHAMBER™ (DAC) SPEAKER SYSTEM
- BUILT-IN SUPER-WOOFER FOR POWERFUL BASS
- INFRARED WIRELESS HEADPHONE SYSTEM
- ORCHESTRA SEAT™ SOUND EFFECT (BBE)¹
- SURROUND SOUND/CENTER CHANNEL CAPABILITY
- ADVANCED A/V WINDOW ON-SCREEN SYSTEM
- PROGRAM PALETTE™ PRESETS WITH VIDEO MEMORY
- SNAPJACK™ FRONT A/V INPUTS
- REAR A/V INPUTS (X2), S-VIDEO INPUT (X1)

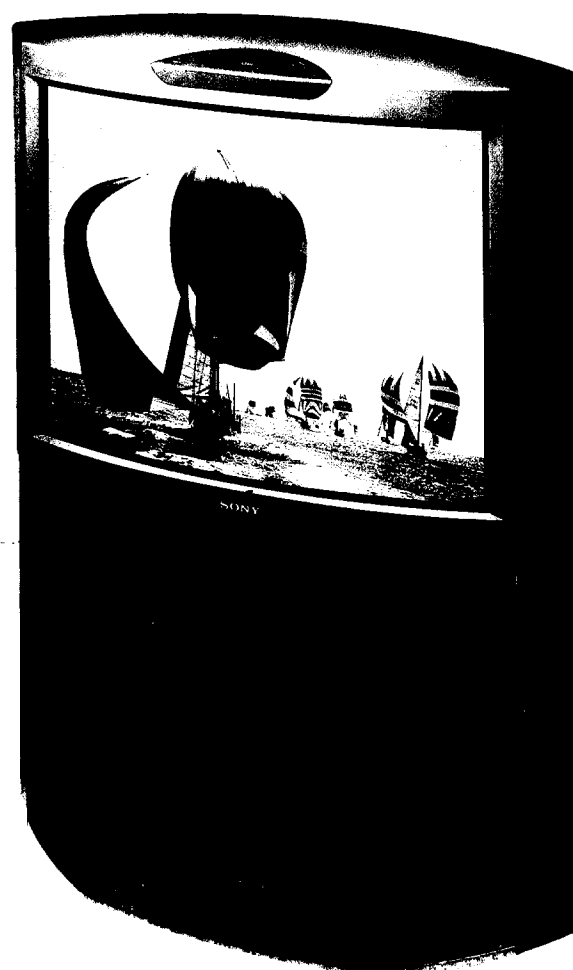
**XBR**  
THE SONY CLUB



SONY MAXIMUM TELEVISION™



RM-Y127  
STANDUP UNIVERSAL  
REMOTE CONTROL



SIMULATED TV RECEPTION

## KV-32XBR85

The exciting new KV-32XBR85 Trinitron® XBR TV presents our sleek integrated cabinet design, with built-in Super Woofer, base compartment with glass door to protect shelves for A/V components, and Control Deck™ top-mounted operating panel. Twin-View™ Picture-and-Picture viewing lets you enjoy two shows at once, with spectacular high-resolution image quality, thrilling audio presence from built-in Dynamic Acoustic Chamber™ speakers, even infrared wireless headphones for private listening to either Twin-View picture.

## FEATURES

### Video

- **TRINITRON PICTURE TUBE:** our exclusive picture tube with vertically flat dark-tint screen, fine pitch aperture grille for increased image detail, and Panfocus™ electron gun
- **BI-CMOS VIDEO PROCESSOR:** Sony combines digital and analog technologies to produce the most accurate picture adjustment system in TV history—the greatest variety of adjustment possibilities, with the most energy-efficient microprocessor control
- **DIGITAL COMB FILTER** automatically processes the incoming signal with digital circuitry for best picture with minimum dot-crawl distortion
- **NEW XBR PRECISION CHASSIS:** an advanced Digital Bus Control chassis design that integrates picture adjustment circuits, increases precision, simplifies wiring, and saves space inside the cabinet
- **TWIN-VIEW™ 2-TUNER PICTURE-AND-PICTURE:** you can watch two shows at once, on side-by-side full-motion images; you can also see an inset picture in 1/4th, 1/9th, or 1/16th screen size, swap main and inset picture, and swap audio
- **VELOCITY MODULATION™ SCANNING** sharpens quality and definition by automatically varying the beam scanning rate at dark-to-light and light-to-dark transitions, to give every object in the picture a sharp, clean edge
- **DEEP BLACK SCREEN** improves contrast ratio to make colors look more vivid—and minimizes ambient light reflection in a brightly lit room
- **NEW NTSC STANDARD SETTING** matches NTSC standard color temperature values, so you enjoy a “theater-like” look with color fidelity identical to what broadcast monitors can reproduce
- **TRINITONE® ADJUSTMENT** lets you choose color temperature in three stages: High (cooler), Medium (warmer), or new NTSC Standard setting
- **DYNAMIC FOCUS™** circuitry maintains critical focusing accuracy from corner to corner
- **DYNAMIC PICTURE™** processor circuitry continually adjusts picture tube dynamic range to match the full light-to-dark values of every scene

### ■ AUTO PEDESTAL CLAMP, AUTO WHITE BALANCE

for stable bright colors and rich dark tones

### ■ WIDEBAND VIF (VIDEO INTERMEDIATE FREQUENCY)

broadens the tuner's intermediate frequency bandwidth for better broadcast reception

### Audio

- **DYNAMIC ACOUSTIC CHAMBER™ (DAC)** speaker system: Sony's slim speaker enclosure design that boosts bass response from a ported chamber, redirects midrange sounds forward by reflecting them through a front-facing speaker, and aims tweeter output directly to the front (15 watts/channel)
- **SUPER WOOFER** is built in to add powerful bass for dramatic depth and emotional impact—enhances movie soundtracks, music videos, every show you watch (11-watt power)
- **INFRARED WIRELESS HEADPHONES** for stereo listening in private without connecting cords—and with Twin-View 2-Tuner Picture-and-Picture, one person can listen to second-picture or inset-picture sound through headphones while others hear main-picture sound through TV speakers
- **ORCHESTRA-SEAT™ SOUND EFFECT (OSE)™**: this BBE technology clarifies the audio signal and centers audio intensity to the front, duplicating the drama of sitting in front-orchestra seats to enhance your listening experience
- **STEREO BROADCAST RECEPTION²** with MTS decoder and dbx\* noise reduction for cleaner, noise-free audio fidelity and more precise stereo imaging
- **SURROUND SOUND** enhancement circuit adds extra sound presence using only your TV's built-in speakers
- **CENTER-CHANNEL CAPABILITY:** TV speakers can perform as center channel speakers in a Dolby® Pro Logic® configuration (with hi-fi A/V components)
- **MAIN/CENTER SPEAKER SWITCH** on menu screen controls TV speakers for center-channel effect, turns them off for A/V system integration

### Inputs/Outputs

- **SNAPJACK™** front A/V input compartment for video input (Video 2) clicks open so you can easily hook up a camcorder, additional VCR, or video game
- **2 SETS OF REAR A/V INPUTS:** rear-panel video and stereo audio input connectors (Video 1, 3) for multiple video components
- **S-VIDEO INPUT** for connecting high-resolution video equipment (satellite systems, Hi8™, S-VHS, and ED Beta® VCRs, and AV Laser® players)
- **FIXED/VARIABLE LEVEL AUDIO OUTPUT:** an audio jack that can be switched (through on-screen menu) to provide two options: Variable lets you connect TV to your high fidelity system, control volume through your TV remote; Fixed (Audio Line Out) lets you connect to AUX stereo inputs of your high fidelity system, control volume through your amplifier
- **LOOP OUTPUT:** connect a camcorder or VCR to rear A/V input (Video 3) for easy editing; output your signal to a second VCR without turning on your TV

- **MONITOR OUTPUT** lets you transfer the program you're watching to a VCR. S-Video output can also be crossed to direct (composite) video output for use with a component lacking S-Video input
- **CONTROL-S INPUT/OUTPUT** passes on remote control signals to another Sony infrared-controlled video or audio component, for A/V system integration
- **AUXILIARY ANTENNA INPUT (ANT/AUX)** connector for simple remote switching to the antenna input of a second video component (such as a CATV converter)

## Control

- **ADVANCED A/V WINDOW ON-SCREEN CONTROL SYSTEM** with interactive cursor control of picture, sound, setup, time/timer, and programming adjustments
- **PROGRAM PALETTE™ PRESETS WITH VIDEO MEMORY:** you can custom-define and recall any of five video settings, including MOVIE (greater visual detail), SPORTS (vivid brightness), NEWS (a picture that's easier on your eyes), GAME (eases bright video game colors and graphics), STANDARD to preserve standard settings
- **INTEGRATED CABINET** with Midnight Maple™ Base finish for sleek styling and elegant design
- **CONTROL DECK™** Top-Mounted Panel: on-set controls are located in a convenient top-center panel
- **EXTENDED DATA SERVICE (XDS):** receives new information services that some broadcasters are adding to their signals—such as clock-time data that allows the on-screen clock to set itself automatically
- **EXPRESS TUNING SYSTEM™:** 181-Channel frequency synthesis tuner with quartz-locked accuracy
- **CAPTIONVISION (CC)™** allows access to four closed caption channels and four text channels
- **PROGRAMMABLE TIMER:** lets you program your TV to turn on/off automatically for up to 6 hours on two preset days, times, and channels
- **PROGRAMMABLE CHANNEL BLOCK:** blocks viewing of a single channel for up to 6 hours (lets you block 2 events)
- **CHANNEL CAPTION:** program up to 12 channels with their call letters for on-screen display
- **VIDEO LABEL** on-screen display shows which component is connected to each video input
- **STANDUP UNIVERSAL REMOTE CONTROL (RM-Y127)** changes at the flip of a switch to simplified everyday operation with fewer buttons to adjust; unique standup design provides two infrared emitters, so you can operate controls with one hand while holding the unit vertically or horizontally; large channel up/down and volume up/down buttons make often-used functions easier; unit needs only a single AA battery and comes pre-programmed with commands for TV, Sony brand DSS® Receivers, most manufacturer's VCRs (including Sony Beta, VHS, 8mm, and AV Laser® players), and most Cable Box converters
- **SLEEP TIMER** turns your TV off automatically after 30, 60, or 90 minutes

- **JUMP CHANNEL** returns to the previous channel
- **AUTO CHANNEL PROGRAMMING:** automatically locks active channels in memory for scan-tuning convenience
- **CHANNEL ADD/ERASE** for manually adding or deleting channels from tuner memory
- **SETUP FUNCTION** including Auto Demo of Trinitron XBR TV features and functions



**TWIN-VIEW™ PICTURE-AND-PICTURE**  
LETS YOU WATCH TWO CHANNELS AT  
ONCE IN FULL-MOTION, SIDE-BY-SIDE  
IMAGES—AND SWITCH SOUND BACK  
AND FORTH BY REMOTE CONTROL



**INFRARED WIRELESS HEADPHONES LET**  
YOU LISTEN IN PRIVATE WITHOUT CON-  
NECTING CORDS



**PROGRAM PALETTE™ PRESETS LET YOU**  
SELECT THE VIDEO ADJUSTMENT SETTING  
THAT MATCHES YOUR PROGRAM—AND  
CUSTOMIZE EACH SETTING FOR LATER  
RECALL



**KV-32XBR65 FEATURES A BUILT-IN**  
SUPER WOOFER FOR POWERFUL,  
ROOM-FILLING BASS, PLUS AN  
INTEGRATED CABINET DESIGN WITH  
MIDNIGHT MAPLE BASE FINISH.

## Specifications

### GENERAL

**TV SYSTEM:** America TV standard NTSC color

**CHANNEL COVERAGE:** VHF 2-13, UHF 14-69, CATV 1-125 (up to 181 preselected channels)

**PICTURE TUBE:** Trinitron with 32" screen, measured diagonally; 110° deflection angle

**ANTENNA TERMINALS:** Combined CATV/VHF/UHF, 75-ohm, F-type (1); Auxiliary Antenna Input, 75-ohm, F-type (1)

**SOUND SYSTEM:** Stereo; built-in multi-channel TV sound (MTS) decoder with dbx noise reduction

**SPEAKERS:** 4" round woofer (100mm) (x 2); 2" round tweeter (50mm x 2)

**AUDIO POWER:** 15 watts/channel (minimum continuous RMS power, 2 channels driven into 8 ohms from 50Hz to 20kHz with 10% or less THD, measured from auxiliary input to load); Super Woofer power: 11 watts

### INPUTS/OUTPUTS

**VIDEO INPUTS:** Rear panel phono-type (Video 1, 3); front panel phono-type (Video 2)

**AUDIO INPUTS:** Rear panel phono-type (L/R x 2); front panel phono-type (L/R x 1)

**S-VIDEO INPUT:** Rear panel Y/C (luminance/chrominance) (1)

**VIDEO MONITOR OUT:** Rear panel phono-type (x 1)

**AUDIO MONITOR OUT:** Rear panel phono-type (L/R x 1)

**VIDEO LOOP OUT:** Rear panel phono-type (x 1)

**AUDIO OUT:** Rear panel phono-type (L/R), fixed/variable volume

**CONTROL-S IN/OUT:** Rear Panel miniplug

**POWER REQUIREMENTS:** 120V AC, 60Hz

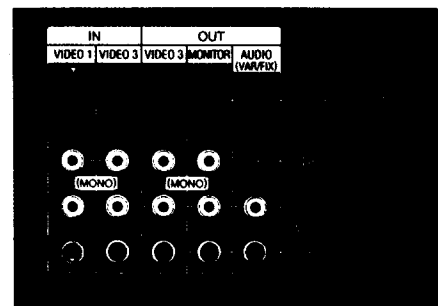
**POWER CONSUMPTION:** 195 watts (max), 5 watts (standby)

**DIMENSIONS (WHD):** 33 1/2" x 45 1/16" x 27 7 1/6" (850.4 x 1144.6 x 696.4mm)

**WEIGHT:** 199 lbs. 3 oz. (90.6 kg)

**CABINET:** High-impact molded plastic cabinetry finished in sueded dark gray

**SUPPLIED ACCESSORIES:** RM-Y127 Standup Universal Remote Control, Wireless Headphones, AA battery (1)



REAR JACK PANEL

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TV reception simulated. Features and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

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<sup>1</sup> Orchestra Seat Sound Effect (OSE): licensed by BBE Sound, Inc.

<sup>2</sup> Stereo Broadcast Reception: stereo and separate audio program (SAP) reception is only available from broadcasts encoded with these services.

<sup>3</sup> Cable Reception: cable reception is only available to subscribers of the service. Most models tune in most non-scrambled cable channels directly. Scrambled Cable TV channels may require an external converter. Check with your local cable company on channel compatibility and any additional requirements.

<sup>4</sup> CaptionVision: Caption Vision (CC) reception is only available from broadcasts encoded with these services.

# SONY

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