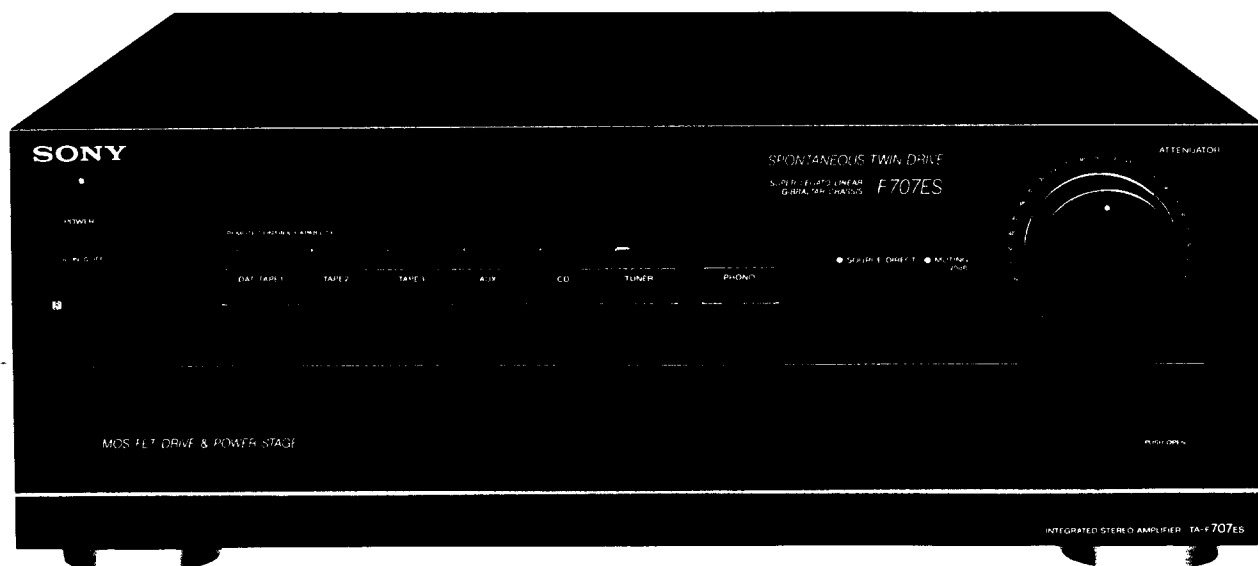


FEATURES AND  
SPECIFICATIONS  
SUBJECT TO CHANGE  
WITHOUT NOTICE

- 90 WATTS PER CHANNEL, 8 OHMS, 20 - 20,000 HZ, 0.004% THD
- 120 WATTS PER CHANNEL, 4 OHMS, 20 - 20,000 HZ, 0.004% THD
- MOS FET OUTPUT TRANSISTORS FOR LOW ODD-ORDER HARMONIC DISTORTION
- CLASS A MOS FET VOLTAGE STAGE
- MOVING COIL CARTRIDGE HEAD AMP
- PARALLEL PUSH-PULL COMPLEMENTARY OUTPUT STAGE
- SPONTANEOUS TWIN DRIVE POWER SUPPLY
- REMOTE COMMANDER® REMOTE CONTROL



## TA-F707ES

The TA-F707ES incorporates MOS FETs not only in the output stage, but at the input as well — in an especially low-distortion Class A circuit. Other refinements include a-Direct Link signal path for lower noise and die-cast aluminum heat sinks for more efficient cooling.

### FEATURES

- **CLASS A MOS FET VOLTAGE STAGE** for high input impedance, extremely low distortion and interference
- **POWER MOS FET OUTPUT STAGE** exhibits exceptionally high speed, high input impedance and reduced odd-order harmonic distortion, for a smooth, open, airy sound that audiophiles liken to vacuum tube amplifiers
- **PARALLEL PUSH-PULL COMPLEMENTARY OUTPUT STAGE** for low distortion, uses four MOS FETs per channel, two for the positive half and two for the negative, assuring ample current reserves
- **90 WATTS PER CHANNEL INTO 8 OHMS**, from 20 Hz to 20,000 Hz, at 0.004% THD
- **120 WATTS PER CHANNEL INTO 4 OHMS**, from 20 Hz to 20,000 Hz, at 0.004% THD
- **SPONTANEOUS TWIN DRIVE POWER SUPPLY** with separate rectification and filter capacitors for input and output, so the power-hungry output stage doesn't threaten the sensitive input stage, no matter how loud the music gets
- **MASSIVE POWER TRANSFORMER** and oversized, 15,000  $\mu$ F filter capacitors for pure, ripple-free DC
- **DISCRETE OUTPUT TRANSISTORS** have high speed, high current capacity and low distortion
- **NON-MAGNETIC MOS FET FRAME** eliminates the conventional nickel composition for improved electrical performance
- **DIE-CAST ALUMINUM HEAT SINKS** for highly effective heat dissipation
- **4 OHM POWER** easily handles the impedance dips of "nominal 8-ohm" speakers, lets you drive low-impedance speakers and "difficult" speakers with confidence
- **DIRECT LINK SIGNAL PATH** places the volume control and all low-level stages near the back panel, by the inputs, to minimize noise pick-up
- **ANTI-RESONANT G-CHASSIS™** of calcium carbonate reinforced with glass fiber far more rigid than steel; helps damp distortion-causing internal vibrations from the transformer and output transistors

- **MASSIVE ALUMINUM FRONT PANEL** resists resonance
- **7 INPUT MOTORIZED FUNCTION SELECTOR** (Phono, Tuner, CD, Aux, DAT/Tape 1, Tape 2, Tape 3); motorized design combines the lowest noise and distortion with the convenience of remote control
- **MOVING COIL HEAD AMP** for low-output moving-coil phono cartridges
- **SOURCE DIRECT SWITCH** bypasses the tone controls for minimum distortion
- **PREAMP OUTPUT** enables connections to external power amplifiers
- **INDEPENDENT RECORD OUTPUT** selector lets you listen to one source while you record another
- **SUBSONIC FILTER** protects the amplifier and speakers from subsonic turntable "rumble"
- **ADAPTER INPUT/OUTPUT LOOP** enables you to connect a signal processor
- **SPEAKER A + B SWITCHING** for convenient operation of two pairs of speakers
- **MONO/STEREO SWITCH**
- **20 DB MUTING SWITCH**
- **RM-S703 REMOTE COMMANDER** full-system remote control also operates Sony source components
- **THREE YEAR LIMITED WARRANTY**; see your Sony ES dealer for details

### SPECIFICATIONS

#### CONTINUOUS SINE WAVE POWER OUTPUT:

90W per channel, both channels driven into 8 ohms,  
20 - 20,000Hz at 0.004% THD  
120W per channel, both channels driven into 4 ohms,  
20 - 20,000Hz at 0.004% THD

**DAMPING FACTOR:** 100 at 8 ohms, 1kHz

**FREQUENCY RESPONSE:** Line: 2 - 200,000Hz, +0/- 3dB  
Phono: RIAA,  $\pm$ 0.2dB

**INPUT SENSITIVITY/IMPEDANCE:** Phono MC 3 ohms: 0.25mV, 100 ohms  
Phono MC 40 ohms: 0.25mV, 1kohm  
Phono MM: 2.5mV, 50kohms  
Line: 150mV, 20kohms

**SIGNAL-TO-NOISE RATIO:** Phono MC: 77dB  
Phono MM: 93dB  
Line: 105dB

**DIMENSIONS (WHD):** 17" x 6 1/2" x 17 1/8"

**WEIGHT:** 46 lbs 12 oz

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# SONY

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