



CF 550A

An AM/FM stereo tuner coupled with a stereo cassette recorder which is truly portable. Using SONY's unique matrix sound stereo system model CF 550A reproduces vivid stereo, even though both left and right channel speakers are encased in the same compact unit. Live stereo recording is also possible from the two sensitive built-in electret condenser microphones. Other features include tape selector switch for standard or chromium dioxide cassettes, automatic shut-off mechanism and SONY-O-MATIC record level control.

Specification

Circuit system: 4-track, 2-channel stereo cassette recorder, FM stereo, FM/AM superheterodyne radio

Semiconductors: 31 transistors, 2 FETs, 21 diodes

Power requirements: AC 127, 220, 240 V, 50/60 Hz, (factory-set 240 V, 50 Hz), power consumption 8 watts, batteries 6 V 4×U2, HP2 or equivalent, Sony rechargeable battery pack BP-8 (optional), car battery with car battery cord DCC-126/127 (optional)

Power output: Max 1.5 watts×2

Speaker: 5×3½ inches (120×80 mm)×2
4×3 inches (100×70 mm)×2

RADIO SECTION

Circuitry: Superheterodyne

Frequency range: VHF 87.5–108 mHz (3.43–2.78 m), MW 530–1608 kHz (566–187 m)

Aerial: Telescopic aerial (0.85 m) for VHF, ferrite bar aerial for MW, external aerial terminal for VHF

CASSETTE RECORDER SECTION

Recording system: 4-track, 2-channel, stereo and 2-track monaural

Speeds: 1½ ips **Recording time:** 2 hours with C-120

Bias frequency: 85 kHz approx.

Frequency response:

"Normal" tape	"CrO ₂ " tape
54–10,000 Hz	50–13,000 Hz

Wow and flutter: 0.22% r.m.s. weighted

Inputs:

Impedance	Sensitivity
Mic Low	–72 dB (0.2 mV)
Line 100 k ohm	–22 dB (0.06 V)

Outputs:

Line 10 k ohm or more	0 dB (0.775 V) at 100 k ohm
Headphone 8 ohm	—

GENERAL

Dimensions (approx.): 13⅞ (W)×9⅝ (H)×4⅞ (D) inches, 334×244×119 mm including projecting parts

Weight (approx.): 11 lb 11 oz (5.3 kg) with battery

Supplied accessories: 1×demonstration tape, 1×mains lead, 1×set of head cleaning tips

Optional accessories: BE7 cassette eraser, BP8 rechargeable battery pack, DCC127 car battery lead, DR4A stereo headphones, DR5A stereo headphones, EC5M mic extension cable, ECM19B condenser mic, F99B one point stereo mic, FS6 foot switch, HE2 head demagnetizer, MX6S stereo mixer, MX12M stereo mixer, RM15 remote control, TP5S telephone pickup