


# Technics RS-678US

High Fidelity Front Loading Cassette Deck with  
2-Motor Drive and HPF Head

 DOLBY SYSTEM

 HPF Head  
10 year guaranty



- F.G. Servo Capstan Motor
- Wow & Flutter: 0.06% (WRMS)  $\pm$  0.15% (DIN)



# Matched Components Add Up to Total Fidelity



## Microphone

### RP-3200E

#### Single Point Stereo Microphone

High sensitivity thanks to perpendicular arrangement of the two built-in elements and six Field Effect Transistors incorporated in the built-in amplifier. Advanced matrix circuitry eliminates cross talk and attains superb stereo separation.

### RP-3550E

#### Compact, Moderately Priced Uni-directional Electret Condenser Microphone with Fixed Windscreen

Recommended to owners of high-grade tape decks. The built-in amplifier incorporates high-quality FET's for crystal clear, noise-free sound. Wind blast effectively counter-acted by a double-mesh windscreen.

### RP-3830E

#### Stylish High Quality Uni-directional Stick Mike with Trendy Removable Windscreen

The head amp includes high-impedance low-noise FET's. Tonal quality can be regulated with the low cut switch. The cable connector is suitable for both switchcraft and cannon plugs.

### RP-3850E

#### Slimline Uni-directional Microphone with Sturdy Removable Windscreen

A low cut filter allows adjustment of tonal quality and reduction of boominess. PAD switch lowers sensitivity by 10 dB. And since the max. SPL is 128 dB, even the deafening roar of a low flying jet aircraft can be picked up with distortion-free clarity.



RP-3200E

RP-3550E

RP-3830E

RP-3850E

## Specifications

**Track System:** 4-track 2-channel stereo recording and playback

**Tape Speed:** 4.8 cm/s, (1 $\frac{3}{4}$  ips)

**Wow and Flutter:** 0.06% (WRMS),  $\pm 0.15\%$  (DIN)

**Frequency Response:** CrO<sub>2</sub> tape; 20 ~ 18,000 Hz  
25 ~ 15,000 Hz (DIN)  
30 ~ 14,000 Hz  $\pm 3$ dB  
Normal tape; 20 ~ 16,000 Hz  
25 ~ 14,000 Hz (DIN)  
30 ~ 13,000 Hz  $\pm 3$ dB

**Signal-to-Noise Ratio:** Dolby NR in; 62 dB (above 5kHz)  
Dolby NR out; 52 dB  
(signal level = 250nWb/m)

### Fast Forward and

**Rewind Time:** Approx. 90 seconds with C-60 cassette tape

**Inputs:** MIC; sensitivity 0.3mV applicable microphone impedance 600  $\Omega$  ~ 20k  $\Omega$   
LINE; sensitivity 60mV, input impedance 68k  $\Omega$   
DIN; sensitivity 16mV, input impedance 2.2k  $\Omega$

**Outputs:** LINE; output level 420mV, load impedance 50k  $\Omega$  over  
DIN; output level 420mV, output impedance 2.5k  $\Omega$   
HEADPHONE; output level 65mV, load impedance 8  $\Omega$

**Motors:** 2-motor system  
1-F.G. Servo DC motor for capstan drive

1-DC motor for reel table drive

### Heads:

2-head system  
1-HPF head for rec/playback  
1-Double-gap Ferrite head for erasure

**Power Requirements:** AC 220 V 50/60 Hz  
AC 240 V 50/60 Hz for England only

**Power Consumption:** 20 W

**Dimensions (W x H x D):** 45.0cm x 17.3cm x 34.1cm  
(17 $\frac{3}{4}$ " x 6 $\frac{7}{8}$ " x 13 $\frac{1}{2}$ " )

**Weight:** 10 kg (22 lbs)

Specifications are subject to change without notice.



# Technics

## Matsushita Electric

ARD-520602S-EFG

Printed in Japan