


# ONKYO SERVICE MANUAL

## STEREO CASSETTE TAPE DECK MODEL TA-RW11

### Black and silver models

UDN, UDC, UD	120V AC, 60Hz
UG	220V AC, 50Hz
UW	120 or 220V AC, 50/60Hz
UQA, UQB	240V AC, 50Hz

### SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK  ON THE SCHEMATIC DIAGRAM AND IN THE PARTS LIST ARE CRITICAL FOR RISK OF FIRE AND ELECTRIC SHOCK. REPLACE THESE COMPONENTS WITH ONKYO PARTS WHOSE PARTS NUMBERS APPEAR AS SHOWN IN THIS MANUAL.

MAKE LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY INSULATED FROM THE SUPPLY CIRCUIT BEFORE RETURNING THE APPLIANCE TO THE CUSTOMER.

### SPECIFICATIONS

Track System:	4-track, 2-channel stereo
Recording System:	AC bias
Erasing System:	AC erase
Tape Speed:	4.8 cm/sec (1-7/8 i.p.s.)
Wow and Flutter:	0.05% (WRMS)
Frequency Response:	20 – 15,000Hz (normal) (30 – 14,000Hz ± 3dB) 20 – 16,000Hz (High) (30 – 15,000Hz ± 3dB) 20 – 17,000Hz (Metal) (30 – 16,000Hz ± 3dB)
S/N Ratio:	Dolby NR out: 60dB (metal position tape) A noise reduction of 10dB above 5kHz and 5dB at 1kHz is possible with Dolby B. A noise reduction of 20dB at 5kHz is possible with Dolby C.
Input Jacks:	Line IN: 2 Minimum input level: 50mV Input impedance: 50 kohms Microphone Jack: 1 Minimum input level: 1.0mV/600 ohms Input impedance: 5 kohms
Outputs:	Line OUT: 2 Std output level: 500mV (0dB) Opt load impedance: over 50 kohms Headphone Jack: Opt load impedance: 8 to 200 ohms
Motors:	DC servo motor: 2 DC motor: 4

