TEAC® *Professional Audio*

Dual Autoreverse Cassette Deck Continuous Play

Rack Kit PRM860

PW790R

General Information

❑ **Autoreverse and Repeat Playback on Both Decks**
❑ **Autoreverse Bi-Directional Recording on Deck 2**
❑ **Dolby* B and C Noise Reduction and HX Pro on Deck 2**
❑ **Multifunction Remote Capable with Optional Control**
❑ **Dual Digital Electronic Tape Index Counter**
❑ **Automatic Tape Bias Selector on Deck 1 and 2**
❑ **Large Knob Record Level Control for Deck 2**
❑ **Normal and High Speed Dubbing Capability**
❑ **Synchronous Reverse Dubbing**
❑ **Variable Speed (playback) with Pitch Control ± 10%**
❑ **Recording Muting function**
❑ **Automatic Blank Spacing During Recording**
❑ **CPS Computomatic PGM Search**
❑ **INTRO CHECK Function**
❑ **Full Automatic Stop Capability**
❑ **Optional Rack Mounting**

⟵⟶ **PITCH CONTROL**

* Environmental Music Systems
* Foreground Music Systems
* Continuous 2 Cassette Playing

*Dolby is a Trademark of Dolby Laboratories Licensing Corporation

Specifications

Track System:	4 Track, 2 Channel Stereo
Frequency Response:	
Metal Tape	25 - 20,000 Hz
Chrome Tape	25 - 19,000 Hz
Normal Tape	25 - 18,000 Hz
Signal to Noise Ratio:	
3% THD Level	58 db NR Off (Weighted)
over 5 Khz	69 db Dolby* B NR
over 1 Khz	79 db Dolby* C NR
Line Input:	100 Mv at 50 K ohm
Output Level:	460 Mv at 50 K ohm
Heads:	
Deck 1	Rotary Playback
Deck 2	Rotary Record/Play, Erase
Tape Speed:	4.76 cm/sec, 17/8 IPS
Hi-Speed Dubbing	9.5 cm/sec, 3-3/4 IPS
Speed Pitch Control:	Variable ± 10% Deck 1 Only
Motors:	Two DC Servo Controlled
Wow and Flutter:	0.09% WRMS
Timer	Record - Play
Power Requirement:	120 Volt - 60 Hz (or 230V, 50Hz)
Power Consumption:	16 Watt
Terminations:	RCA Standard Jacks
Housing Finish:	Matte Black
Dimensions:	171/8" W., 5¾" H., 11¾" D. *(435 X 145 X 297 mm)*
Net Weight:	9 Lbs, *(3.9 Kg)*
Optional Accessories:	
Rack Mounting Kit:	Model PRM860 Rack Kit **(3U)**
Remote Control:	Model PRC 544 Infrared

Innovation through technology since 1931

PW790R

REV 1.5

Form PWR790
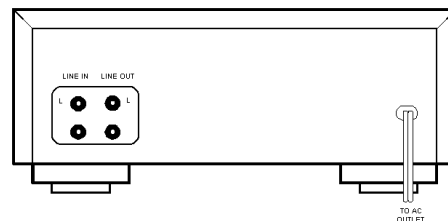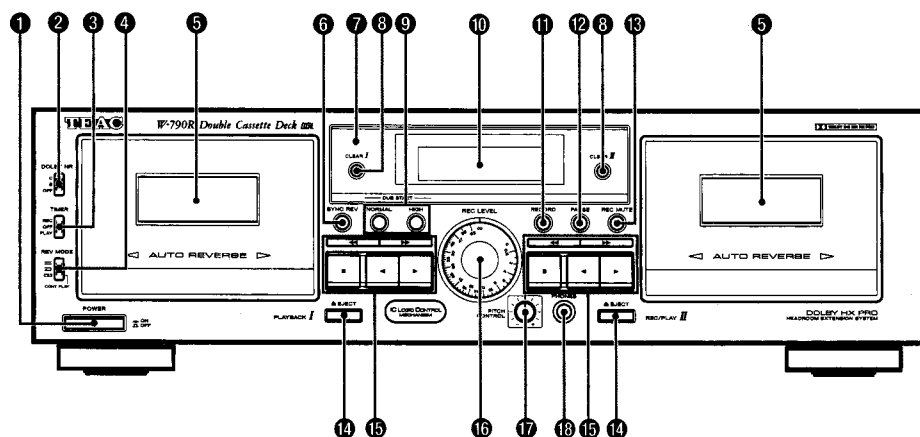
Front Panel Controls

1) Power Switch
2) DOLBY NR Select Switch
3) Timer Record or Play Switch
4) REV (Reverse) MODE Switch
5) Cassette Holder
6) SYNC REV Reverse Button
7) Infrared Remote Sensor
8) COUNTER CLEAR Button
9) DUB Dubbing Start Buttons
10) Display Window (see display)
11) RECORD Button(Deck 2 only)

12) PAUSE Button
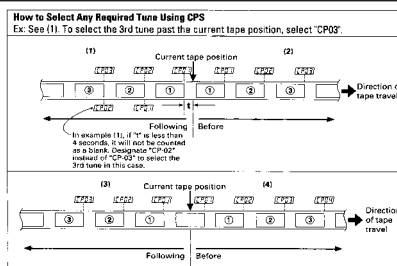13) REC (Record) MUTE Button
14) EJECT Button
15) Tape Operation Buttons <<
Rewind/CPS Button STOP Button <
Reverse PLAY Button > Forward Play
Button >> Fast Forward/CPS Button
16) REC (Record) LEVEL Control
17) Speed Pitch Control
18) PHONES Jack

Rear Panel

Display
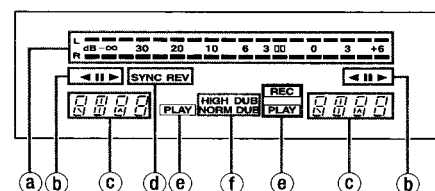
a) Peak Level Meter
b) Direction/Pause Indicator
c) Multi Counter

d) SYNC REV Indicator
e) Mode Indicators
f) Dubbing Indicators

Special Functions

TAPE TRAVEL AND AUTOREVERSE MODE SWITCH


CPS - Computomatic Program Search

CPS (Computomatic Program Search) Function

CPS allows the selection and playback of any tune up to 20 tunes ahead or before the one being played. This function operates by detecting blank spaces of at least 4 seconds between tunes. These blanks can be created using the REC MUTE function.

Notes on CPS

CPS operates by detecting and counting blanks of about 4 seconds, the standard interval between tunes. Therefore, with the following types of tapes, search functions may not work correctly.
● When the intervals between tunes cannot be detected.
  – Intervals of less than 4 seconds.
  – High levels of noise in intervals.
  – Long low level sections (in classical music, etc.)
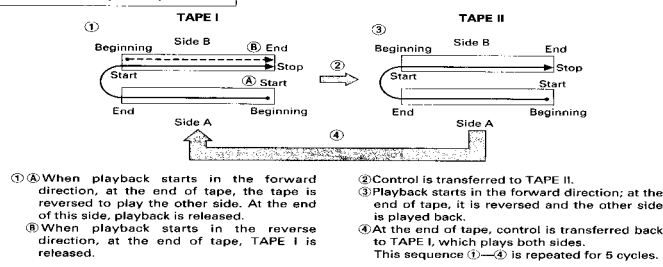
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