

OTARI®

DP-205 Slave Recorder



MAIN FEATURES:

- **Twin deck, desktop type chassis**
- **Up to 10 units can be connected to a master reproducer (1:20)**
- **Two speeds selectable from 64x, 80x, 128x, 160x, and 200x**
- **High quality ferrite heads**
- **Built-in bias oscillator (freq. 12 MHz)**
- **Test signal input connector**
- **Two bias levels and two EQ settings can be switched from the master reproducer**
- **Servo Method**
Supply Reel: Tension servo by electric control of AC torque motor
Take-up Reel: Constant torque drive by AC torque motor
Capstan: PLL control
- **Manual Start/Stop and On-line/Off-line button switches**
- **Optional full-track monitor head can be easily mounted**

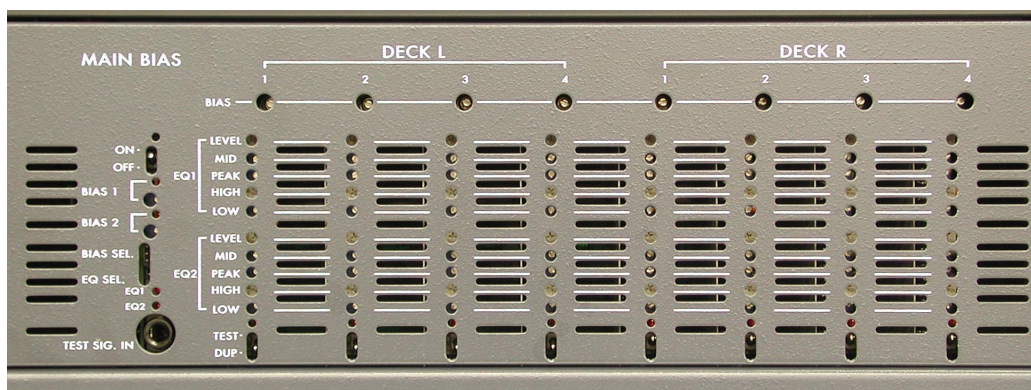


Otari DP-203 Digital Master Reproducer:
The DP-205 has been developed to be
used with the DP-203.

DP-205 Specifications

Number of Recording Units	2
Pancake Diameter	max. 12.5"
Magnetic Tape	Type I (Normal) or Type II (Chrome)
Tape Width	0.15" (Cassette)
Tape Speed (Copy Speed)	Two speed selectable from 64x, 80x, 128x, 160x, 200x
Number of Tracks	4
Record Head	Two-Track Ferrite Head x 2
Record Equalization	Two Settings (customer selection)
Record Bias	Two Master Bias Settings (remotely switchable)
Record Amplifier	One-Channel Plug-in Card PC Board x 8
Record Signal Input	Flat Frequency Response. BNC Type Connector. Min. 10 k Ω input impedance.
Tape Drive	Capstan = PLL Servo DC Direct Drive Motor Supply Reel and Take-up Reel = AC Motor
Remote Control	Parallel Communication (Start/Stop, Bias A/B, EQ 1/2). D-sub 25-pin Connector
Frequency Response	40 Hz–18 kHz +2/-3 dB. 100 Hz–16 kHz \pm 2 dB: 80x to 128x Speeds 40 Hz–15 kHz +2/-3 dB. 100 Hz–12 kHz \pm 2 dB: 160x & 200x Speeds
Signal-to-Noise Ratio	Within 4 dB of blank tape
Distortion	Max. 3%
Wow & Flutter (DIN 45507 peak wtd)	Max. 0.1%
Crosstalk (@1 kHz)	Min. 65 dB (between chs 2 & 3), Min. 35 dB (between chs 1 & 2)
Speed Deviation	Within \pm 0.15%
Dimensions (W x H x D)	870 x 912 x 400 mm
Weight	75 kg
Operating Environment	10 to 30°C, 20 to 80% RH
Storage Environment	-20 to 45°C, 10 to 80% RH
Power Requirement	100, 110, 117, 200, 220, 240 VAC \pm 5%, 50/60Hz
Power Consumption	550 VA (peak 700 VA)

Specifications are subject to change without notice or obligation.



Main Bias Section and Record Amplifier Sections

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