

## Roland M-200i Digital Mixer w/iPad integration

### Processing

#### Channels/Buses

CHANNELS: 32  
BUSES: MAIN L/R, 8 AUX, 4 MATRIX

#### Inputs/Outputs

INPUTS: 24 (64 when using optional REAC devices)  
OUTPUTS: 14 (Max 54 ports when using REAC Devices)

#### Signal Processing

AD/DA Conversion: 24 bit  
Sample Rate: 48.0 kHz or 44.1 kHz

#### Console Latency

2.0 mS (typ.) \*1  
\* Total Latency of audio signal from M-200i's console inputs to M-200i's outputs.  
\* Sample Rate: 48.0 kHz \* Effects: No insert effects

#### Network Latency

2.5 mS (typ.) \*1  
\* Total System Latency of audio signal from S-1608 inputs to outputs via M-200i's REAC ports.  
\* Sample Rate: 48.0 kHz \* Effects: No insert effects

### Connectors

#### Inputs/Outputs/Others

INPUT jacks (1 to 16): XLR-3-31 type (balanced, phantom power)  
INPUT jacks (17 to 22): 1/4 inch Phone type (balanced)  
INPUT jacks (23 to 24): RCA Phono type  
ASSIGNABLE OUTPUT jacks (1 to 6): XLR-3-32 type (balanced)  
ASSIGNABLE OUTPUT jacks (7 to 10): 1/4 inch Phone type (balanced)  
MAIN OUTPUT jacks (L, R): XLR-3-32 type (balanced)  
PHONES jack: Stereo 1/4 inch phone type, Miniature phone type  
AES/EBU OUT jacks: Optical type  
REAC port: RJ-45 EtherCon type  
RS-232C connector: 9-pin D-sub type  
MIDI connectors (OUT/THRU, IN): 5-pin DIN type  
USB MEMORY port: USB Type A  
USB WLAN ADAPTOR port: USB Type A  
USB COMPUTER port: USB Type B  
LAN port: RJ45 type  
DOC CABLE port : 10-pin mini DIN type  
DOC CABLE port : 10-pin mini DIN type  
DC IN jack  
Grounding terminal

\* XLR type: 1 GND, 2 HOT, 3: COLD

\* Phantom power: DC+48V (unloaded maximum), 14mA (maximum load, All XLR type inputs)

## Input/Output Characteristics

### Frequency Response

ASSIGNABLE OUTPUT jacks (1 to 10): -2 dB / +0 dB (20k ohms load, +4 dBu, typ.)  
MAIN OUTPUT jacks (L, R): -2 dB / +0 dB (20k ohms load, +4 dBu, typ.)  
PHONES jack: -3 dB / +0 dB (40 ohms load, 150 mW, typ.)  
\* Sample Rate: 48.0 kHz or 44.1 kHz  
\* Input Connector: INPUT 1 to 24 (Pad: ON, Input sens: +4 dBu, 20 Hz to 20 kHz)

### Total Harmonic Distortion + Noise

ASSIGNABLE OUTPUT jacks (1 to 10): 0.05 % (+4 dBu, typ.)  
MAIN OUTPUT jacks (L, R): 0.05 % (+4 dBu, typ.)  
PHONES jack: 0.05 % (40 ohms load, 150 mW, typ.)  
\* Sample Rate: 48.0 kHz or 44.1 kHz  
\* Input Connector: INPUT 1 to 24 (Input sens: +4 dBu, 20 Hz to 20 kHz)

### Dynamic Range

ASSIGNABLE OUTPUT jacks (1 to 10): 102 dB (typ.)  
MAIN OUTPUT jacks (L, R): 102 dB (typ.)  
\* Sample Rate: 48.0 kHz or 44.1 kHz  
\* Input Connector: INPUT 1 to 24 (Input sens: +4 dBu, 20 Hz to 20 kHz)

### Crosstalk@ 1 kHz

INPUT jacks (1 to 24): -80dB (Input sens: +4 dBu, IHF-A, typ.)  
ASSIGNABLE OUTPUT jacks (1 to 10): -88 dB (typ.)  
MAIN OUTPUT jacks (L, R): -88 dB (typ.)  
\* Sample Rate: 48.0 kHz or 44.1 kHz

### Nominal Input Level (Variable)

INPUT jacks (1 to 16): -65 to +4 dBu  
INPUT jacks (17 to 24): -28 to +4 dBu

### Input Impedance

INPUT jacks (1 to 16): 14 k ohms  
INPUT jacks (17 to 24): 10 k ohms

### Non Clip Maximum Input level

INPUT jacks (1 to 24): +22dBu (1 kHz, 20 k ohms load, typ.)

### Nominal Output Level

ASSIGNABLE OUTPUT jacks (1 to 10): +4 dBu (Load impedance: 10 k ohms, typ.)  
MAIN OUTPUT jacks (L, R): +4 dBu (Load impedance: 10 k ohms, typ.)

### Output Impedance

ASSIGNABLE OUTPUT jacks (1 to 10): 600 ohms (typ.)  
MAIN OUTPUT jacks (L, R): 600 ohms (typ.)  
PHONES jack: 49 ohms (typ.)

### Recommended Load Impedance

ASSIGNABLE OUTPUT jacks (1 to 10): 10 k ohms or greater  
MAIN OUTPUT jacks (L, R): 10 k ohms or greater  
PHONES jack: 40 ohms or greater

#### Minimum Load Impedance

PHONES jack: 16 ohms

#### Non Clip Maximum Output level

ASSIGNABLE OUTPUT jacks (1 to 10): +22 dBu (1 kHz, 10 k ohms load, typ.)  
MAIN OUTPUT jacks (1 to 10): +22 dBu (1 kHz, 10 k ohms load, typ.)  
PHONES jack: 150 mW + 150 mW (1 kHz, 40 ohms load, typ.)

#### Residual Noise Level (IHF-A, typ.)

-88 dBu (All faders: Min)  
-80 dBu (Main Fader: Unity, Channel faders: Unity only one INPUT1 channel, Preamp sens: Min)  
-61 dBu (Main Fader: Unity, Channel faders: Unity only one INPUT1 channel, Preamp sens: Max)  
\* Input 150 ohms terminate  
\* Output Connector: ASSIGNABLE OUTPUT jacks (1 to 10), MAIN OUTPUT jacks (L, R)  
\* Sample Rate: 48.0 kHz or 44.1 kHz

#### Equivalent Input Noise Level (E.I.N.)

-126 dBu (Main Fader: Unity, Channel faders: Unity only one channel, Preamp sens: Max)  
\* Output Connector: ASSIGNABLE OUTPUT jacks (1 to 10), MAIN OUTPUT jacks (L, R)  
\* Sample Rate: 48.0 kHz or 44.1 kHz

## Others

#### Display

Graphic LCD 132 x 64 dots with backlight

#### Current Draw

3.6 A

#### Operation Temperature

+5 to +40 degrees Celsius  
+41 to +104 degrees Fahrenheit

#### Accessories

DOCK CABLE, TABLET STAND, AC Adaptor, Power Cord, Owner's Manual

#### Options

Rackmount Kit: RA-10U, Wireless USB Adapter: WNA1100-RL USB Flash Memory

## Size and Weight

#### Width (W)

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	491 mm19-3/8 inches
Depth (D)	
	490 mm19-5/16 inches
Height (H)	
	198 mm7-13/16 inches
Weight	
	9.8 kg21 lbs. 10 oz.

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Use USB Flash Memory sold by Roland. Other products are not guaranteed to work.

\* 0dBu=0.775Vrms

\*In the interest of product improvement, the specifications and/or appearance of this unit are subject to change without prior notice.

\*1: When a REAC Splitter S-4000D or a switching hub is used in-line with REAC cables, the network latency will increase by the amount of processing delay introduced by the splitting device itself. The actual delay is dependant upon the specifications of the splitting device, though the maximum delay amount for a single splitting device should be no more than 200 microseconds.

All specifications and appearances are subject to change.