Product Spec Sheet
CD Recorder / Player
CD-RW901MK II

Specifications

- **Supported disc types**: CD, CD-R, CD-R-DA, CD-RW and CD-RW-DA (High speed CD-RW is supported)
- **Playback disc formats**: CD-DA, CD-ROM ISO9660 LEVEL1/2Joliet format, multisession discs and CD text
- **Playback file formats**: CD-DA: 44.1kHz, 16-bit stereo
  MP3: 44.1kHz, 64–320kbps, VBR
- **Recording file formats**: CD-DA: 44.1kHz, 16-bit stereo
- **Frequency response**: 20 Hz – 20 KHz
  - ±0.8 dB (playback)
  - ±1.0 dB (recording)
- **S/N**: 95 dB (playback), 90 dB (recording)
- **Dynamic range**: 95 dB (playback), 90 dB (recording)
- **Distortion**: 0.006 % (playback), 0.008 % (recording)
- **Channel separation**: 90 dB (playback), 80 dB (recording)
- **Wow and flutter**: < 0.001 % (unmeasurable)
- **Analog inputs**: Balanced XLR-3–31
  - Level 4 dBu (Full Scale –16 dB)
  - Minimum input level –5 dBu (adjustable level at Full Scale –16 dB)
  - Input impedance 14 KΩ ±5 % (balanced)
- **Unbalanced RCA pin**: Level –10 dBV ±2 dB (Full Scale –16 dB)
  - Minimum input level –19 dBV (adjustable level at Full Scale –16 dB)
  - Input impedance 22 KΩ ±10% (unbalanced)
- **Analog outputs**: Balanced XLR-3–32
  - Level 4 dBu (Full Scale –16 dB)
  - Maximum output level +20 dBu ±2 dB
  - Output impedance 75Ω ±5 % (balanced)
- **Unbalanced RCA pin**: Level –10 dBV ±2 dB (Full Scale –16 dB)
  - Maximum output level +6 dBV ±2 dB
  - Output impedance 200Ω ±10% (unbalanced)
Phones output: Stereo (6.3 φ), 20 mW, 32Ω
Digital input:
- Coaxial RCA pin jack (IEC-60958 Consumer use)
- Optical TOSLINK (IEC-60958 Consumer use)
- AES/EBU XLR-3–31 (IEC-60958 Professional use)
Supported input sampling frequencies: 32–48 kHz
Digital output:
- Coaxial RCA pin jack (IEC-60958 Consumer use)
- Optical TOSLINK (IEC-60958 Consumer use)
- AES/EBU XLR-3–32 (IEC-60958 Professional use)
CONTROL I/O:
- PARALLEL D-SUB 15 pin
- RS-232C D-SUB 9 Pin
- REMOTE IN jack (for RC-RW901 only)
Keyboard: Mini DIN 6 pin
Power:
- U.S.A./Canada: 120 VAC, 60Hz
- U.K./Europe: 230 VAC, 50Hz
- Australia: 240 VAC, 50Hz
Power consumption:
- 17 W (U.S.A./Canada)
- 19 W (U.K./Europe/Australia)
Dimensions (d x w x h): 309 x 482.6 x 94 (mm)/ 12.2 x 19.0 x 3.7 (in)
Weight: 4.5 kg (9.9 lb)

■ Control connections
The pinouts of the CONTROL I/O (parallel) terminal on the rear panel (see “Rear panel” on page 1) are:

<table>
<thead>
<tr>
<th>Pin</th>
<th>Function</th>
<th>I/O</th>
<th>Pin</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>STOP Tally</td>
<td>OUT</td>
<td>9</td>
<td>PLAY Tally</td>
</tr>
<tr>
<td>2</td>
<td>REC Tally</td>
<td>OUT</td>
<td>10</td>
<td>PAUSE Tally</td>
</tr>
<tr>
<td>3</td>
<td>SKIP (Forward)</td>
<td>IN</td>
<td>11</td>
<td>FADER, START / STOP</td>
</tr>
<tr>
<td>4</td>
<td>SKIP (Back)</td>
<td>IN</td>
<td>12</td>
<td>STOP</td>
</tr>
<tr>
<td>5</td>
<td>EOM Tally</td>
<td>OUT</td>
<td>13</td>
<td>PLAY</td>
</tr>
<tr>
<td>6</td>
<td>REC</td>
<td>IN</td>
<td>14</td>
<td>PAUSE</td>
</tr>
<tr>
<td>7</td>
<td>CAL</td>
<td>IN</td>
<td>15</td>
<td>+5V*</td>
</tr>
<tr>
<td>8</td>
<td>GND</td>
<td>-</td>
<td>11</td>
<td>FADING START/STOP</td>
</tr>
</tbody>
</table>

*: The maximum current supplied from this terminal is 50 mA.

Tall signals are open collector, with a maximum current of 50 mA. Input signals are active when low (ground) for ≥ 30ms.
A fader start/stop control should be wired according to the following schematic:
■ Dimensional drawing

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