COMPONENT TRIAXIAL SYSTEM
RM-P275
High Quality Picture, Multi-Features, Versatile and Cost-Effective Remote Camera Control Station
In response to demand for a triaxial wide-screen setup that supports 16:9 aspect ratio cameras and provides pin-sharp image transfer, JVC has come up with the answer: the RM-P275 Wide-Band Component Triaxial System.

- **Multiple outputs**
  For maximum system versatility, we’ve included Component outputs (Y, R-Y, B-Y) Composite outputs, and Y/C outputs.

- **Wide bandwidth 12 MHz for Y signal**
  Direct viewing of wide-screen images is now possible, even in our most reasonably priced and basic model, due to the standard inclusion of a wide-band 12 MHz channel which supports both conventional 4:3 and wide-screen 16:9 aspect ratios.

- **Camera and base station can be separated by a distance of up to 1.5 km via cable**
  Long-distance connection enables a wide range of applications, including outside broadcast and studio setups. Images can be transmitted between the camera and the base station over a distance of up to 800 m via an 8.6 mm diameter cable or up to 1.5 km using a 14.5 mm diameter cable.

- **Automatic camera phase control for genlock circuit**
  Genlock operation is available with composite video (VBS) or black burst (BB) signals. The front panel of the base station also features controls for SC and H adjustments.

- **Compatible with wide range of cameras**
  The RM-P275 supports the KY-D29 and KY-D29W remote controllable cameras.

- **Serial interface for camera operation**
  The camera is operated via a serial interface, allowing the remote operator to issue an extensive series of control commands.

- **Base station operable by remote control panel**
  A separately available remote control panel can also be used to operate the base station. Supported model is the RM-LP35.

- **Intercom system**
  The standard 4-line intercom system features engineer and producer-dedicated input lines. Return talkback from the camera location is user-adjustable at the base station. For RM-P275 (NTSC), RTS intercom system is also connected.

- **Program audio output monitoring**
  Program audio input is provided. The base station’s front panel provides switching for talkback circuit/program audio mixing.

- **Space-saving setup**
  The base station has a compact design fitting in a standard 19” (46.6 cm) rack, taking only two units of rack space.

---

**Nomenclature and Functions of Major Parts**

- **BASE STATION [FRONT PANEL]**
  1. [CALL] CALL button
  2. [TALLY] TALLY lamp
  3. [MIC] MIC ON/OFF switch
  4. Intercom mode selector switch
  5. [H] Horizontal phase control
  6. [CABLE PROTECTION] Cable protection lamp
  7. Intercom jack
  8. [INTERCOM GAIN] Intercom level control
  9. [PGM GAIN] Program audio level control
  10. [SC COARSE] SC phase coarse switch
  11. [SC FINE] SC phase fine control
  12. [Y] Video level control
  13. [CHROMA] High-frequency component control
  14. [GENLOCK] Genlock operation lamp
  15. [POWER] POWER lamp and switch
BASE STATION [REAR PANEL]
1. [LINE VOLTAGE] LINE VOLTAGE selector
2. Fan ventilation hole
3. [PGM AUDIO INPUT] Program audio input connector
4. [AUDIO OUTPUT] Microphone output connector
5. [RET INPUT] Return video signal input connector
6. [VIDEO OUTPUT] Video signal output connector
7. [TRIAXIAL CABLE] TRIAXIAL connector
8. [AC INPUT] AC INPUT connector
9. [TALLY] TALLY terminals
10. [YC/OUTPUT] Y/C signal output connector
11. [GENLOCK INPUT] External synchronizing input connectors
12. [REMOTE] Remote connector
14. [RTS] RTS input connector
15. [INTERCOM] INTERCOM select switch

Triaxial Adapter
1. [INTERCOM GAIN] INTERCOM level control
2. [INTERCOM] INTERCOM connector
3. [TRIAXIAL CABLE] TRIAXIAL connector
4. Power lamp
5. Back tally lamp
6. [TALLY SW] Tally switch
7. [CALL] Call button
8. [BREAKER] Breaker

RM-P275 (NTSC)

RM-P275 (PAL)

RM-LP35U
### Specifications

**Output signals**
- Component: Y; 1Vp-p 75Ω, Pb; 0.7Vp-p 75Ω, Pr; 0.7Vp-p 75Ω
- Composite video signal: 1 Vp-p, 75Ω x2
- Y/C signal: Y; 1Vp-p (including SYNC) 75Ω, C; 0.3Vp-p (burst level) 75Ω x2
- Intercom: 4-wire system; 0 dB, 600Ω balanced
- (RTS: RM-P275U [NTSC only])
- Audio signal: -20 dBm, 600Ω balanced

**Input signals**
- External sync signal: Composite video signal 1Vp-p, 75Ω (bridge connectable) or black burst 0.45 Vp-p, 75Ω (bridge connectable)
- MIC input: -60 dBm, 600Ω balanced
- Intercom: 4-wires system; 0 dB, 600Ω balanced
- (RTS: RM-P275U [NTSC only])
- Program audio: -4dB, 600Ω balanced

**Power consumption**
- 230/240 V AC, 50/60 Hz (RM-P275E)
- 120 V AC, 60 Hz (RM-P275U)

**Input voltage**
- 230/240 V AC, 50/60 Hz (RM-P275E)
- 120 V AC, 60 Hz (RM-P275U)

**Dimensions**

<table>
<thead>
<tr>
<th>Component</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>RM-P275</td>
<td>455.3 x 114.3 x 111.1</td>
</tr>
<tr>
<td>Camera adapter</td>
<td>430 x 30 x 23.5</td>
</tr>
<tr>
<td>Extension board</td>
<td>340 x 30 x 23.5</td>
</tr>
</tbody>
</table>

**Accessories**
- Power cord x 1
- Handle x 1
- EXTENSION BOARD x 1
- RF cable x 1
- Screw x 2
- Instruction manual x 1
- Instruction manual x 1

**Video signal**
- Composite video signal or VS 1 Vp-p, 75Ω, Pb; 0.7Vp-p 75Ω, Pr; 0.7Vp-p 75Ω
- Y/C signal: Y; 1Vp-p 75Ω, C; 0.3Vp-p 75Ω

**Audio signal**
- Composite video signal or VS 1 Vp-p, 75Ω, Pb; 0.7Vp-p 75Ω, Pr; 0.7Vp-p 75Ω
- Y/C signal: Y; 1Vp-p 75Ω, C; 0.3Vp-p 75Ω

**External sync signal**
- Composite video signal 1Vp-p, 75Ω (bridge connectable) or black burst 0.45 Vp-p, 75Ω (bridge connectable)
- MIC input: -60 dBm, 600Ω balanced
- Intercom: 4-wires system; 0 dB, 600Ω balanced
- (RTS: RM-P275U [NTSC only])
- Program audio: -4dB, 600Ω balanced

**Others**
- Input voltage: 120 V AC, 60 Hz (RM-P275U)
- Power consumption: 75W (including camera with VF-P550B)
- Weight: Base station: 11.5 kg
- Camera adapter: 2.7 kg (including handle and top cover)
- Ambient temperature: 0°C to +40°C/32°F to 104°F

**System Configuration**

- **RM-P275 Standard Package**
- **TRIAXIAL CABLE**
  - Transmission Distance: 0.66 mm: 100~800 m
  - Ø14.5 mm: 200~1,500 m

- **Remote Control Panel**
  - IRIS MODE OVER OPEN
  - POWER
  - GENLOCK
  - TRIOXIAL UNIT: RM-P275

- **RM-P275 Base Station**
  - **3-1/16 (77) 1/8 (3)**
  - **5/8 (15)**
  - **3-3/8 (85)**
  - **3-7/8 (98)**
  - **11-3/4 (298)**
  - **1/4 (6)**
  - **1/8 (3)**

- **5" Viewfinder**
  - **Cable: 5 m**
  - **5/8 (15)**
  - **3-3/8 (85)**
  - **3-7/8 (98)**

- **KA-310**
  - **Cable: 5 m**
  - **5/8 (15)**
  - **3-3/8 (85)**
  - **3-7/8 (98)**

- **Remote Control Panel**
  - **KA-310**
  - **5/8 (15)**
  - **3-3/8 (85)**
  - **3-7/8 (98)**

- **JVC® DISTRIBUTED BY**

JVC PROFESSIONAL PRODUCTS COMPANY
DIVISION OF JVC AMERICAS CORP.
1700 Valley Road, Wayne, N.J. 07470
TEL: (973) 315-5030  FAX: (973) 315-8208
Web: http://www.jvc.com/pro  E-mail: proinfo@jvc.com

JVC CANADA INC.
21 Finchcote Square, Scarborough, Ontario M1X 1A7
TEL: (416) 293-1311  FAX: (416) 293-8008
Internet Web Site http://www.jvc.ca/pro

Design and specifications subject to change without notice.

Certificate No. EC96J1049  ISO9001/No. FM26586
The Hachioji Plant of Victor Company of Japan, Ltd. has received ISO14001 Certification under the global standard for environmental management.

KCN-1760  CEKY56EKN9810