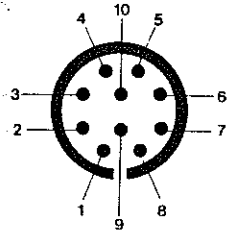


**K10**

The Type K10 video connector is widely used on VHS equipment. The pinning of the K10 connector differs slightly between manufacturers.



87282-1

**JVC and related products**

- | pin | signal                |
|-----|-----------------------|
| 1   | video in/out          |
| 2   | ground (video)        |
| 3   | battery indication    |
| 4   | power supply in/out   |
| 5   | audio out             |
| 6   | start/stop            |
| 7   | audio in/out          |
| 8   | ground (audio)        |
| 9   | ground (power supply) |
| 10  | supply (+12 V)        |

**HITACHI**

- | pin | signal                |
|-----|-----------------------|
| 1   | video in              |
| 2   | ground (video)        |
| 3   | video out             |
| 4   | record (-9 V)         |
| 5   | audio out             |
| 6   | start/stop            |
| 7   | audio in              |
| 8   | ground (audio)        |
| 9   | ground (power supply) |
| 10  | supply (+12 V)        |

**PANASONIC (WV series)**

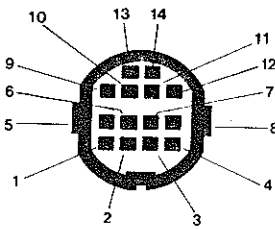
- | pin | signal                |
|-----|-----------------------|
| 1   | video in/out          |
| 2   | ground (video)        |
| 3   | not used              |
| 4   | recorder indication   |
| 5   | stand by              |
| 6   | start/stop            |
| 7   | audio in/out          |
| 8   | ground (audio)        |
| 9   | ground (power supply) |
| 10  | supply (+12 V)        |

**PHILIPS**

- | pin | signal                |
|-----|-----------------------|
| 1   | video in/out          |
| 2   | ground (video)        |
| 3   | not used              |
| 4   | recorder indication   |
| 5   | not used              |
| 6   | start/stop            |
| 7   | audio in/out          |
| 8   | ground (audio)        |
| 9   | ground (power supply) |
| 10  | supply (+12 V)        |

**PANASONIC (WVP series), CANON, OLYMPUS**

- | pin | signal                |
|-----|-----------------------|
| 1   | video                 |
| 2   | ground (video)        |
| 3   | serial data           |
| 4   | serial clock          |
| 5   | stand-by              |
| 6   | start/stop            |
| 7   | audio in/out          |
| 8   | ground (audio)        |
| 9   | ground (power supply) |
| 10  | supply (+12 V)        |

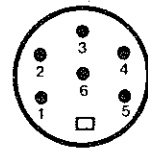


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**K14**

The pinning of the K14 connector for Betamax equipment is, fortunately, uniform:

- | pin | signal                |
|-----|-----------------------|
| 1   | video out             |
| 2   | ground (video)        |
| 3   | video in              |
| 4   | ground                |
| 5   | start/stop            |
| 6   | tally signal          |
| 7   | microphone-2 out      |
| 8   | recorder check        |
| 9   | microphone-1 out      |
| 10  | ground (microphone)   |
| 11  | microphone-1 in       |
| 12  | microphone-2 in       |
| 13  | supply (+12 V)        |
| 14  | ground (power supply) |



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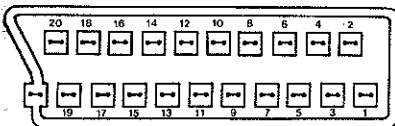
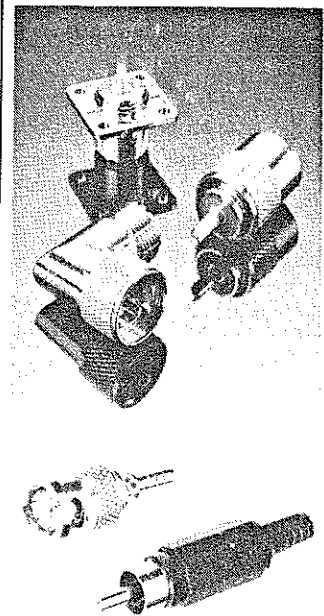
**DIN connectors**

A simple 6-way connector system to DIN45322 is often used in low-cost AV (audio/video) links:

- | pin | signal                        |
|-----|-------------------------------|
| 1   | control voltage (off = +12 V) |
| 2   | video out                     |
| 3   | audio left in/out             |
| 4   | power supply                  |
| 5   | audio right in/out            |

**HF video connectors (BNC, PL/SO239 and CINCH/RCA)**

These plugs, in spite of their different appearances, are all essentially co-axial with the body connected to ground and the central pin carrying the signal. BNC types are available in 50 and 75 Ω versions, PL/SO-239 types only in 50 Ω.



**SCART connectors**

Virtually all modern video equipment is fitted with a SCART connector. The pin assignment is uniform among manufacturers, but in some cases not all pins are used.

- | pin | signal                         |
|-----|--------------------------------|
| 1   | audio out R or Ch. 2           |
| 2   | audio in R or Ch. 2            |
| 3   | audio out L or Ch. 1 (or mono) |
| 4   | ground (audio)                 |
| 5   | ground (blue)                  |
| 6   | audio in L or Ch. 1 (or mono)  |
| 7   | blue                           |
| 8   | control voltage                |
| 9   | ground (green)                 |
| 10  | not used                       |
| 11  | green                          |
| 12  | not used                       |
| 13  | ground (red)                   |
| 14  | not used                       |
| 15  | red                            |
| 16  | blanking (active high)         |
| 17  | ground (video)                 |
| 18  | ground (blanking)              |
| 19  | CVBS out                       |
| 20  | CVBS in                        |
| 21  | connector shield and/or ground |