

# AudioJoG Pro

ALL new Audio cable tester with SINGLE & DOUBLE ended testing.



## CONNECTORS:

- 3 Pole XLR Male and Female
- 6.35mm Jack, stereo or mono
- Single or Twin 4.4mm Bantam, stereo or mono
- 3.5mm Jack, stereo or mono
- 4 Pole Speakon
- DIN 180° 3 & 5 Pole
- RCA Phono
- BNC

## features:

There are 2 rows of 6 LED's corresponding to each of the possible connector pins and one for the screen (or ground) connection. As each pin is activated, the LED's indicate all connections associated with that pin, so that short, open and crossed circuits can be easily found. The LED's also show the possibility of high resistance or leakage connections.

## memory option:

- There are 3 LED's indicating the state of the MEMORY option.
- If the MEMORY LED is on, then AudioJoG Pro automatically scans all the connections and compares against information held with just one press of the test button.
- MEMORY works in both test modes.



## Specification

### Double {single} ended:

- Continuity and Short Circuits, less than 255K {75K} ohms
- Open Circuits (end to end and between connected pins), greater than 255K {75K} ohms
- Less than 2 {5} second test time
- L 197mm W 110mm D 50mm
- Uses 9v PP3 battery (not supplied)

## test modes:

- Double ended - both ends of the cable under test are plugged into AudioJoG Pro
- Single ended - one end of the cable under test is plugged into AudioJoG Pro the other into another AudioJoG Pro or the 19 inch rack mount AudioJoG Rack.



AudioJoG Pro by CableJoG Ltd. 18 Browmere Drive, Croft, Warrington. WA3 7HT.

Tel: 01925 764 471 Fax: 01925 764 903 web [www.cablejog.com](http://www.cablejog.com)

# AUDIOJoG RACK

Sensational New 19 inch 1U rack mount cable tester.



## CONNECTORS:

- 3 Pole XLR Male and Female
- 6.35mm Jack, stereo or mono
- Single or Twin 4.4mm Bantam, stereo or mono
- 3.5mm Jack, stereo or mono
- 4 Pole Speakon<sup>TM</sup>
- DIN 180° 3 & 5 Pole
- RCA Phono
- BNC

## FEATURES:

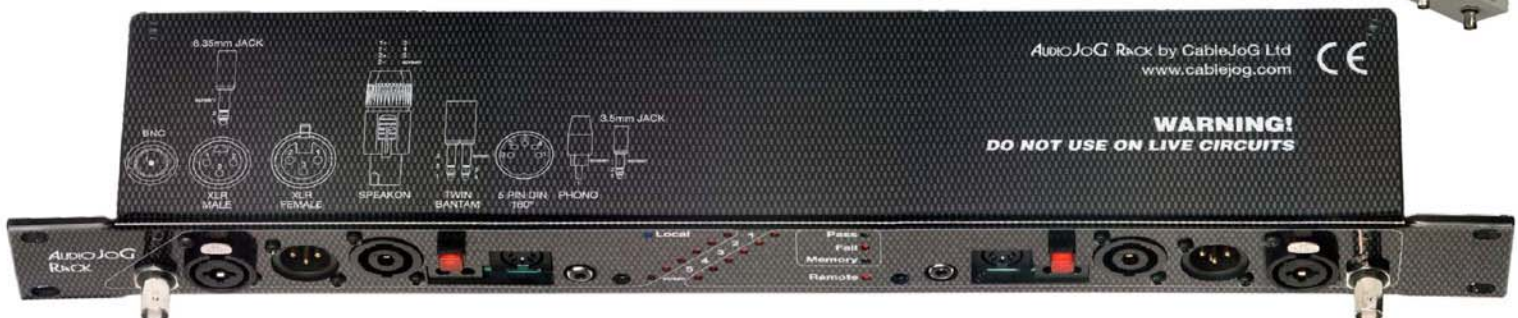
There are 2 rows of 6 LED's corresponding to each of the possible connector pins and one for the screen (or ground) connection. As each pin is activated, the LED's indicate all connections associated with that pin, so that short, open and crossed circuits can be easily found. The LED's also show the possibility of high resistance or leakage connections.

## MEMORY OPTION:

- There are 3 LED's indicating the state of the MEMORY option.
- If the MEMORY LED is on, then AudioJoG Rack automatically scans all the connections and compares against information held with just one press of the test button.
- MEMORY works in both test modes.

## TEST MODES:

- DOUBLE ENDED - both ends of the cable under test are plugged into AudioJoG Rack
- SINGLE ENDED - one end of the cable under test is plugged into AudioJoG Rack the other into another AudioJoG Rack or the small hand held AudioJoG Pro.



AUDIOJOG RACK by CableJoG Ltd. 18 Browmere Drive, Croft, Warrington. WA3 7HT.

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# RibbonJoG

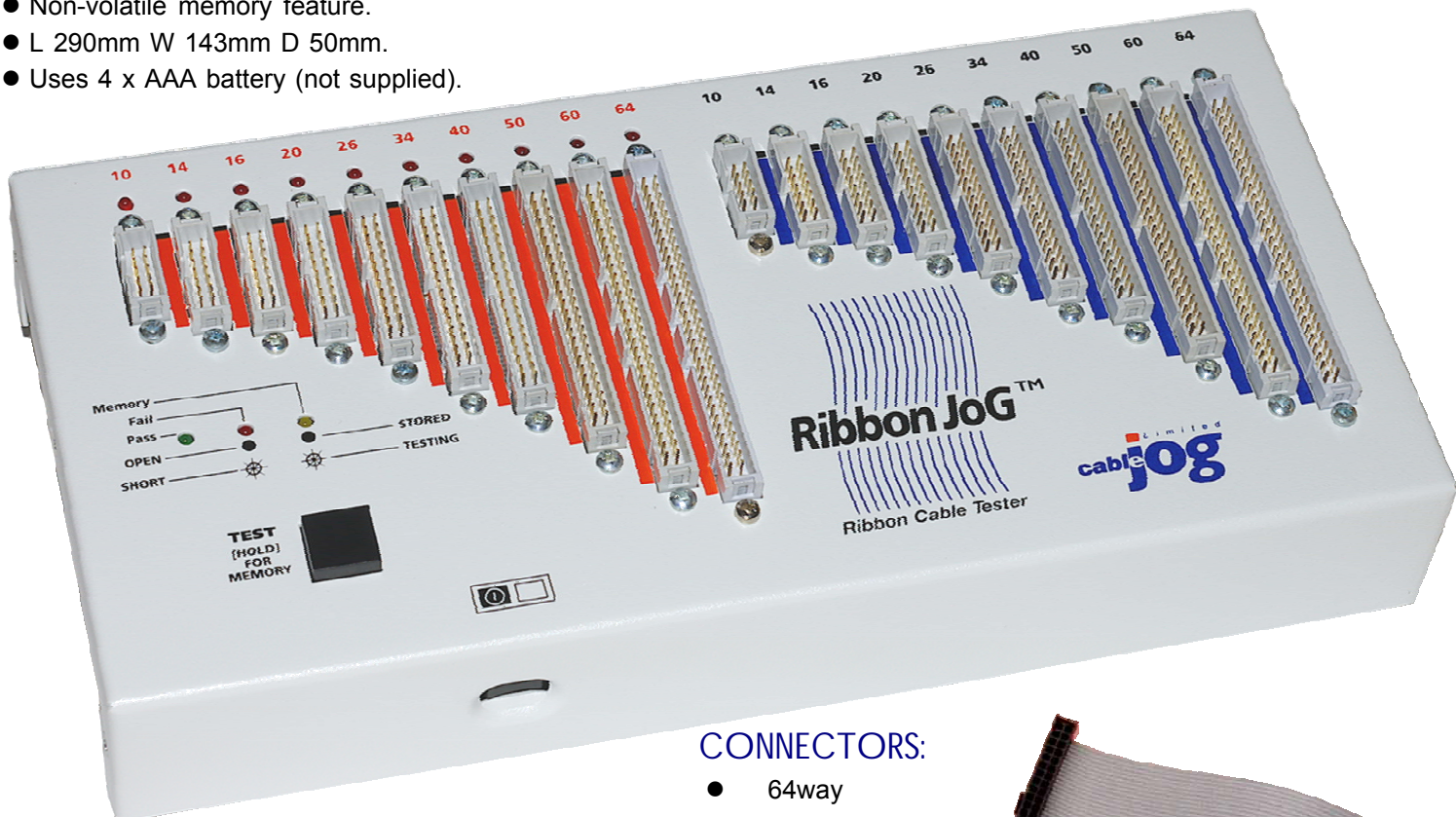
## Ribbon Cable Tester with Memory.

### Specification:

- Continuity(end to end) less than 4.7K ohms.
- Short Circuits (end to end) and between connected pins, less than 4.7K ohms.
- Open Circuits (end to end) and between connected pins, greater than 10K ohms.
- Less than 5 seconds test time.
- Minimum distance between connectors of the same size only 130mm.
- Non-volatile memory feature.
- L 290mm W 143mm D 50mm.
- Uses 4 x AAA battery (not supplied).

### test modes:

- Memory OFF, just plug the cable in and press the test button. If the last connection found matches a standard connector pin count then the cable passes, otherwise the cable has failed with either a short or open circuit.
- Memory ON, test the cable against a special cable held in memory. All 64 pins are checked.



### CONNECTORS:

- 64way
- 60way
- 50way
- 40way
- 34way
- 26way
- 20way
- 16way
- 14way
- 10way

# CableJoG 64

## 64 Point Universal Cable/Harness Tester.

CableJoG 64 provides a flexible testing system to suit individual customer requirements.

The CableJoG 64 can test up to 64 individual connections of all manufacturers of connectors. This simple to use test instrument stores up to 88 separate cable configurations. Each cable that is tested is compared against the stored details to produce a pass, fail, open/short/crossed indication.

Each test result can be transferred to a 'PC' or printer via a communication link to store, tabulate and print the information using the windows CableJoG Command Program (C.C.P.) available from CableJoG Ltd.



### Menu Options:

- LEARN  
Plug in your cable and learn the connections. The connections and default test settings are held in compare memory.
- TEST  
Plug in another cable and run a comparison between it and the details held in compare memory. The test can be run once, looped till a fail, or continuously allowing several cables to be tested without further key strokes. Results can be viewed, printed out or saved and later transferred to a 'PC'
- RECALL  
Call up one of eighty eight previously stored cable connection details.
- STORE  
Transfer details in compare memory to one of eighty eight locations in the database memory.
- EDIT  
Change or modify any of the cable details; Connector pin numbers and locations, serial numbering, date and time stamping, type of testing and cable connections.
- PRINT  
Either ON-LINE for continuous result logging and label printing, Or OFF-LINE for when the unit is not connected to a printer.
- RECEIVE  
Get cable details from the 'PC' which can hold an unlimited number.
- SEND  
Send a cables details to the 'PC', for archiving or transferring to another unit. Send cable test results to the 'PC' for further analysis.
- SETUP  
Configure the unit to work the way you want.
- PROBE  
Use a nominated pin as a 'probe', the display shows connections made.

### Specification:

- 64 test pins.
- Connector pins 2 34 way via standard IDC header.
- Continuity Less than 2.9K ohm.
- Keyboard 4 x 4 keyboard; 0 to 9, 4 cursor keys, clear & enter
- Display 1 line 16 character alphanumeric LCD, backlit display
- Processor Z80 CMOS
- Memory 32K EPROM, 32K RAM  
88 cable memory store
- RS232 Printer/ PC link
- Power Integral 9V NiMH battery.  
External 'Plug Top' power supply.  
5 year Lithium (memory backup)
- L 180mm W 310mm D 60mm.

# CableJoG 128

## 128 Point Universal Cable/Harness Tester.

CableJoG 128 provides a flexible testing system to suit individual customer requirements.

The CableJoG 128 can test up to 128 individual connections of all manufacturers of connectors. This simple to use test instrument stores up to 57 separate cable configurations. Each cable that is tested is compared against the stored details to produce a pass, fail, open/short/crossed indication.

Each test result can be transferred to a 'PC' or printer via a communication link to store, tabulate and print the information using the windows CableJoG Command Program (C.C.P.) available from CableJoG Ltd.

### Menu Options:

- LEARN  
Plug in your cable and learn the connections. The connections and default test settings are held in compare memory.
- TEST  
Plug in another cable and run a comparison between it and the details held in compare memory. The test can be run once, looped till a fail, or continuously allowing several cables to be tested without further key strokes. Results can be viewed, printed out or saved and later transferred to a 'PC'
- RECALL  
Call up one of fifty seven previously stored cable connection details.
- STORE  
Transfer details in compare memory to one of fifty seven locations in the database memory.
- EDIT  
Change or modify any of the cable details; Connector pin numbers and locations, serial numbering, date and time stamping, type of testing and cable connections.
- PRINT  
Either ON-LINE for continuous result logging and label printing, Or OFF-LINE for when the unit is not connected to a printer.
- RECEIVE  
Get cable details from the 'PC' which can hold an unlimited number.
- SEND  
Send a cables details to the 'PC', for archiving or transferring to another unit. Send cable test results to the 'PC' for further analysis.
- SETUP  
Configure the unit to work the way you want.
- PROBE  
Use a nominated pin as a 'probe', the display shows connections made.



### Specification:

- 128 test pins.
- Connector pins 2 64 way via standard IDC header.
- Continuity Less than 2.9K ohm.
- Keyboard 4 x 4 keyboard; 0 to 9, 4 cursor keys, clear & enter
- Display 1 line 16 character alphanumeric LCD, backlit display
- Processor Z80 CMOS
- Memory 32K EPROM, 32K RAM  
57 cable memory store
- RS232 Printer/ PC link
- Power Integral 9V NiMH battery.  
External 'Plug Top' power supply.  
5 year Lithium (memory backup)
- L 180mm W 310mm D 60mm.



# CableJoG 256

## 256 Point Universal Cable/Harness Tester.

CableJoG 256 provides a flexible testing system to suit individual customer requirements.

The CableJoG 256 can test up to 256 individual connections of all manufacturers of connectors. This simple to use test instrument stores up to 12 separate cable configurations. Each cable that is tested is compared against the stored details to produce a pass, fail, open/short/crossed indication.

Each test result can be transferred to a 'PC' or printer via a communication link to store, tabulate and print the information using the windows CableJoG Command Program (C.C.P.) available from CableJoG Ltd.



### Specification:

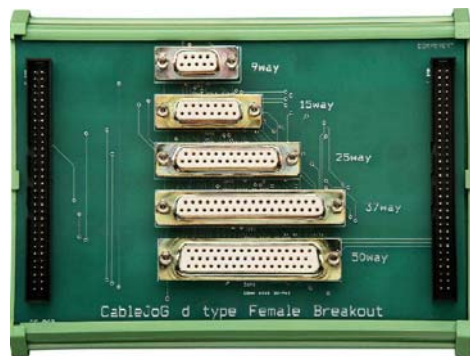
- 256 test pins.
- Connector pins 4 64 way via standard IDC header.
- Keyboard 4 x 4 keyboard; 0 to 9, 4 cursor keys, clear & enter
- Display 2 line 16 character alphanumeric LCD, backlit display
- Processor Z80 CMOS
- Memory 32K EPROM, 32K RAM  
12 cable memory store
- RS232 Printer/ PC link
- Power External 'Plug Top' power supply.
- L 180mm W 310mm D 60mm.

### Menu Options:

- LEARN  
Plug in your cable and learn the connections. The connections and default test settings are held in compare memory.
- TEST  
Plug in another cable and run a comparison between it and the details held in compare memory. The test can be run once, looped till a fail, or continuously allowing several cables to be tested without further key strokes. Results can be viewed, printed out or saved and later transferred to a 'PC'
- RECALL  
Call up one of twelve previously stored cable connection details.
- STORE  
Transfer details in compare memory to one of twelve locations in the database memory.
- EDIT  
Change or modify any of the cable details; Connector pin numbers and locations, serial numbering, date and time stamping, type of testing and cable connections.
- PRINT  
Either ON-LINE for continuous result logging and label printing, Or OFF-LINE for when the unit is not connected to a printer.
- RECEIVE  
Get cable details from the 'PC' which can hold an unlimited number.
- SEND  
Send a cables details to the 'PC', for archiving or transferring to another unit. Send cable test results to the 'PC' for further analysis.
- SETUP  
Configure the unit to work the way you want.
- PROBE  
Use a nominated pin as a 'probe', the display shows connections made.

# CableJoG 64/128/256 Accessories

## Breakout Adaptors



- 64way (& 34way) connectors for connecting to the CableJoG unit and further breakout boxes.
- DIN rail mounting boxes.
- Suitable for CableJoG 128, 256, 512 & 1024, RibbonJoG & Limited use with CableJoG 64.
- Require 64way (& 34way) connecting cables & DIN rail (not supplied).

See leaflet on Breakouts for current range of adaptors

## Personal Stereo Adaptor



When the cable under test passes the audio to the headphones is cut, the buzzer sounds and the PASS LED is flashed.

- Audio IN and Headphones connectors.
- Either a bright PASS LED or 2.5mm Jack socket for remote LED.
- Internal fitting only, drill template supplied.
- Suitable for CableJoG 64, 128 & 256.

## Remote PASS/FAIL LED kit



This unit mimics the units Passed & Failed messages.

- External Serial/RS232 connection.
- Coiled lead, can be extended.
- Large daylight visible RED & GREEN LED's.
- Suitable for CableJoG 64, 128, 256, 512 & 1024.

# CableJoG 512

## 512 Point Universal Cable/Harness Tester.

CableJoG 512 provides a flexible testing system to suit individual customer requirements.

The CableJoG 512 can test up to 512 individual connections of all manufacturers of connectors. This simple to use test instrument stores up to 59 separate cable configurations. Each cable that is tested is compared against the stored details to produce a pass, fail, open/short/crossed indication.



### Specification:

- 512 test pins.
- Connector pins 8 64 way via standard IDC header.
- Continuity less than 27K ohm
- Keyboard 4 x 4 keyboard; 0 to 9, 4 cursor keys, clear & enter
- Display 4 line 20 character alphanumeric LCD, backlit display
- Processor Z180
- Memory 1MByte RAM  
59 cable memory store
- RS232-1 Printer link
- RS232-2 PC or Keyboard/display link
- Power External 'Plug Top' power supply.  
5 year Lithium (memory backup)
- L 230mm W 120mm D 25-40mm (keyboard/display)
- L 200mm W 430mm D 50mm.

### Menu Options:

- LEARN  
Plug in your cable and learn the connections. The connections and default test settings are held in compare memory.
- TEST  
Plug in another cable and run a comparison between it and the details held in compare memory. The test can be run once, looped till a fail, or continuously allowing several cables to be tested without further key strokes.
- RECALL  
Call up one of fifty nine previously stored cable connection details.
- STORE  
Transfer details in compare memory to one of fifty nine locations in the database memory.
- EDIT  
Change or modify any of the cable details; Connector pin numbers and locations, serial numbering, date and time stamping, type of testing and cable connections.
- SETUP  
Configure the unit to work the way you want.
- PROBE  
Use a nominated pin as a 'probe', the display shows connections made.

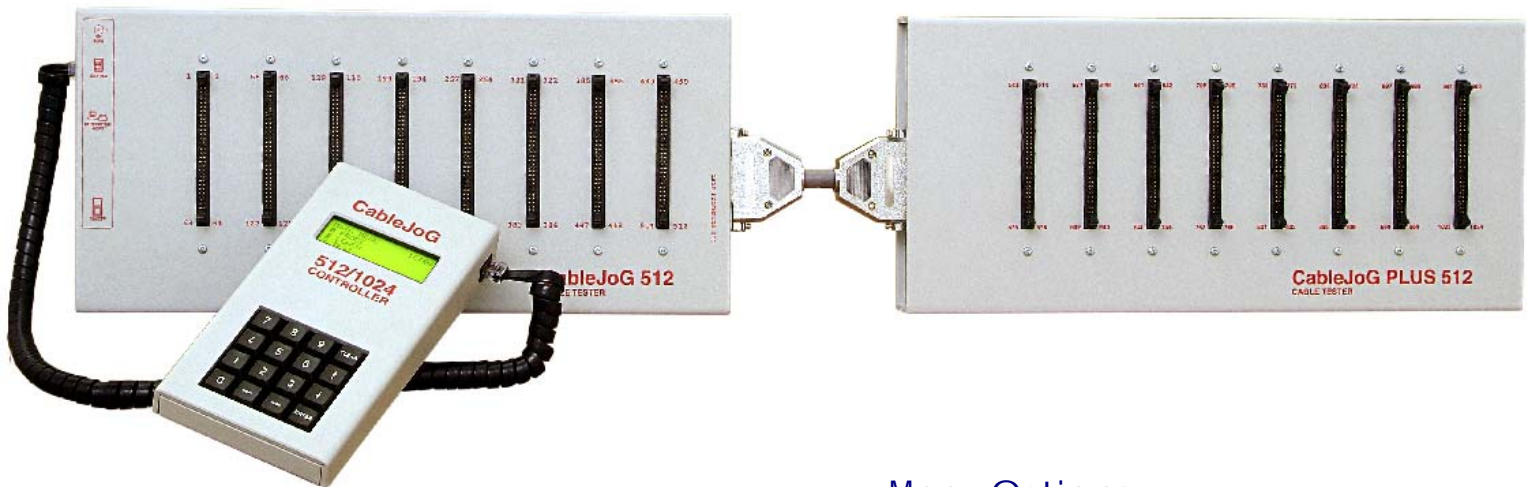


# CableJoG 1024

## 1024 Point Universal Cable/Harness Tester.

The CableJoG 512 and CableJoG 512 Plus provide a flexible testing system to suit individual customer requirements.

The CableJoG 512 and CableJoG Plus 512 can test up to 1024 individual connections of all manufacturers of connectors. This simple to use test instrument stores up to 59 separate cable configurations. Each cable that is tested is compared against the stored details to produce a pass, fail, open/short/crossed indication.



### Specification:

- 1024 test pins.
- Connector pins 16 64 way via standard IDC header.
- Continuity less than 47K ohm
- Keyboard 4 x 4 keyboard; 0 to 9, 4 cursor keys, clear & enter
- Display 4 line 20 character alphanumeric LCD, backlit display
- Processor Z180
- Memory 1MByte RAM  
59 cable memory store
- RS232-1 Printer link
- RS232-2 PC or Keyboard/display link
- Power External 'Plug Top' power supply.  
5 year Lithium (memory backup)
- L 230mm W 120mm D 25-40mm (keyboard/display)
- L 200mm W 430mm D 50mm. (CableJoG 512 and CableJoG 512 Plus)

### Menu Options:

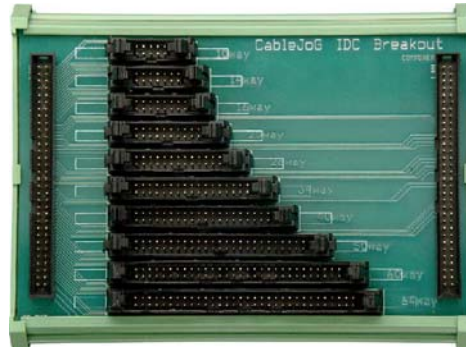
- LEARN  
Plug in your cable and learn the connections. The connections and default test settings are held in compare memory.
- TEST  
Plug in another cable and run a comparison between it and the details held in compare memory. The test can be run once, looped till a fail, or continuously allowing several cables to be tested without further key strokes.
- RECALL  
Call up one of fifty nine previously stored cable connection details.
- STORE  
Transfer details in compare memory to one of fifty nine locations in the database memory.
- EDIT  
Change or modify any of the cable details; Connector pin numbers and locations, serial numbering, date and time stamping, type of testing and cable connections.
- RECEIVE  
Get cable details from the 'PC' which can hold an unlimited number.
- SEND  
Send a cables details to the 'PC', for archiving or transferring to another unit. Send cable test results to the 'PC' for further analysis.
- SETUP  
Configure the unit to work the way you want.
- PROBE  
Use a nominated pin as a 'probe', the display shows connections made.

# Breakout's

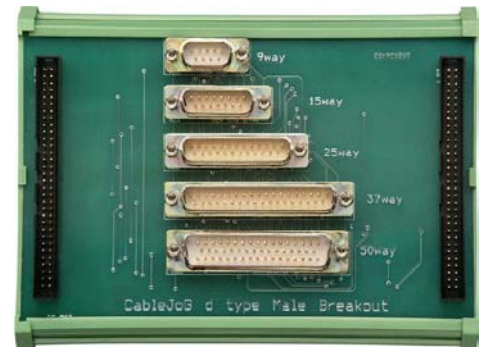
1.27x1.27mm IDC



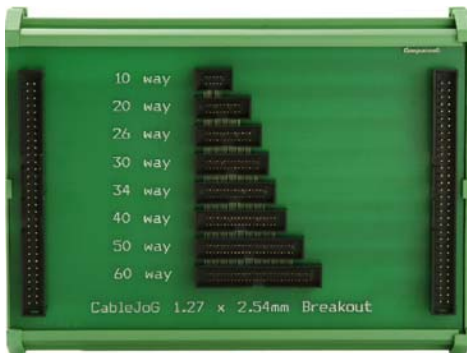
2.54x2.54mm IDC



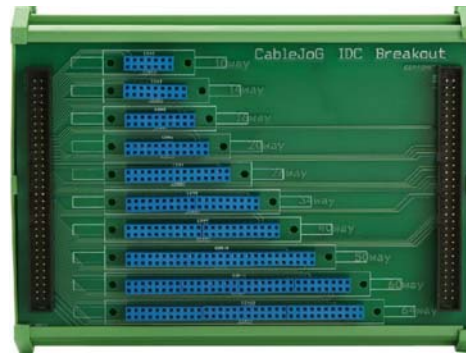
'd' type Male



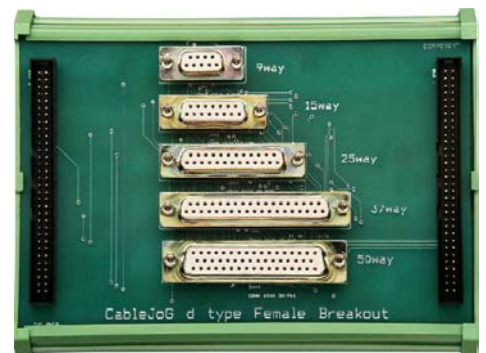
1.27x2.54mm IDC



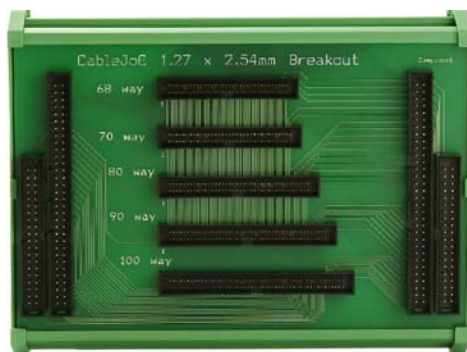
2.54x2.54mm MALE IDC



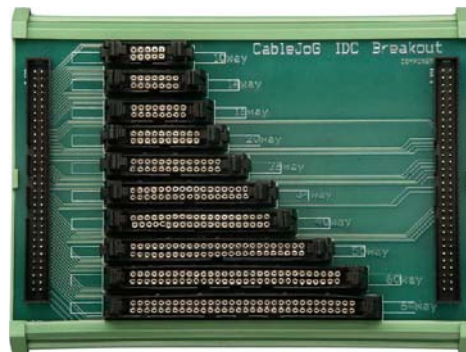
'd' type Female



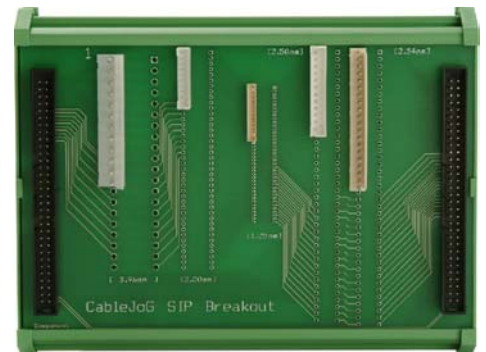
1.27x2.54mm IDC



2.54x2.54mm Transition Header

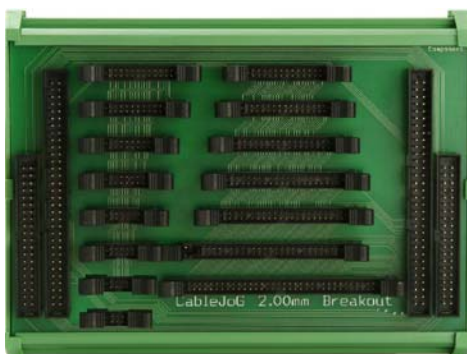


Single In Line



[SIP connectors for illustration only]

2.00x2.00mm IDC



## General Specification:

- 64way & 34way connectors for connecting to the CableJoG unit and further breakout boxes.
- DIN rail mounting boxes.
- Suitable for CableJoG 128, 256, 512 & 1024. Limited use with CableJoG 64 and RibbonJoG.

# Specifications

Connector Size	Type	Number of pins	Use with
1.27mm x 1.27mm	IDC male	10,20,26,34,40 & 50	CableJoG 128,256,512,1024 & RibbonJoG CableJoG 64 - limited use
1.27mm x 2.54mm	IDC male	10,20,26,30,34,40,50 & 60	CableJoG 128,256,512,1024 & RibbonJoG CableJoG 64 - limited use
1.27mm x 2.54mm	IDC male	68,70,80,90 & 100	CableJoG 256,512 & 1024 CableJoG 128 - limited use
2.00mm x 2.00mm	IDC male	6,8,10,12,14,16,20,24,26,30,34,40,44,50 & 68	CableJoG 256,512 & 1024 CableJoG 64 & 128 - limited use RibbonJoG - limited use
2.54mm x 2.54mm	IDC male	10,14,16,20,26,34,40,50,60 & 64	CableJoG 128,256,512,1024 & RibbonJoG CableJoG 64 - limited use
2.54mm x 2.54mm	IDC female	10,14,16,20,26,34,40,50,60 & 64	CableJoG 128,256,512,1024 & RibbonJoG CableJoG 64 - limited use
2.54mm x 2.54mm	IDC transition	10,14,16,20,26,34,40,50,60 & 64	CableJoG 128,256,512 & RibbonJoG CableJoG 64 - limited use
'd' type	male	9,15,25,37,50 & shield	CableJoG 128,256,512,1024 & RibbonJoG CableJoG 64 - limited use
'd' type	female	9,15,25,37,50 & shield	CableJoG 128,256,512,1024 & RibbonJoG



# VideoJoG

## Video Cable Tester with Memory & Adaptor Panels.

### FEATURES:

There are 2 rows of 21 LED's corresponding to each of the possible connector pins and one for the screen (or ground) connection. As each pin is activated, the LED's indicate all connections associated with that pin, so that short, open and crossed circuits can be easily found. The LED's also show the possibility of high resistance or leakage connections.



### TEST MODES:

- There are 3 LED's indicating the state of the MEMORY & TEST options.
- If the MEMORY LED is off then pressing the test button will light one (or more) of the 42 LED's attached to each pin.
- If the MEMORY LED is on, then VideoJoG automatically scans all the connections and compares against information held with just one press of the test button.

### SPECIFICATION:

- Continuity(end to end) less than 4.7K ohms.
- Short Circuits (end to end) and between connected pins, less than 4.7K ohms.
- Open Circuits (end to end) and between connected pins, greater than 10K ohms.
- Less than 5 seconds test time.
- Non-volatile memory feature.
- L 265mm W 223mm D 40mm.
- Uses 4 x AAA battery (not supplied).

### CONNECTORS LEFT SIDE:



- SCART
- 4way mini DIN
- 5way mini DIN
- 5way DIN
- 6way DIN

### CONNECTORS RIGHT SIDE:



- SCART
- 4way mini DIN
- 8way mini DIN
- Phono x 6
- BNC x 2

VideoJoG by CableJoG Ltd. 18 Browmere Drive, Croft, Warrington. WA3 7HT.

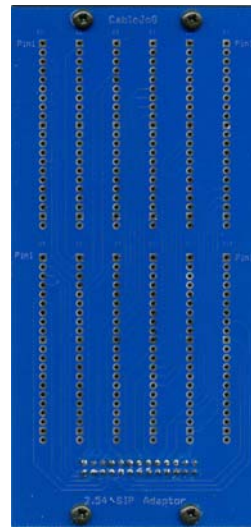
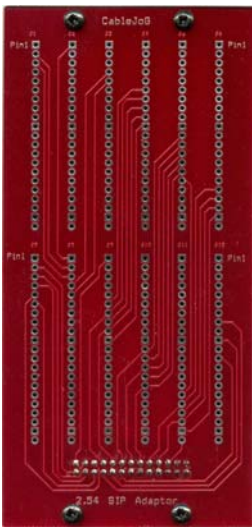
Tel: 01925 764 471 Fax: 01925 764 903 web [www.cablejog.com](http://www.cablejog.com)

# VideoJoG Adaptors



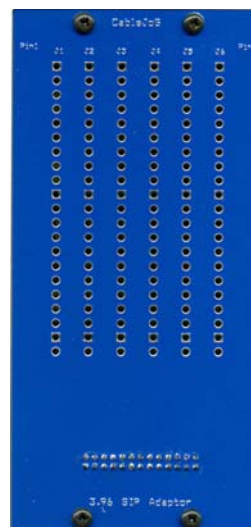
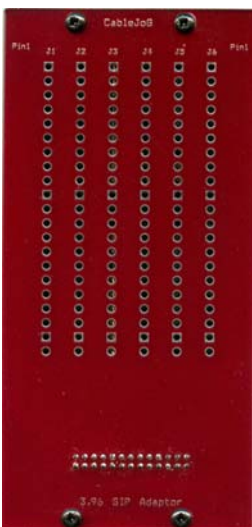
## HR10/10A Adaptor Panels:

- HR10/10A 7R 4way
- HR10/10A 7R 6way
- HR10/10A 10R 12way
- HR10/10A 13R 20way
- Both male and female.



## 2.54 SIPS Adaptor Panels:

- 2.54mm or 0.1" pitch connectors
- Colour coded
- Up to 21 ways
- 12 rows in parallel, allowing for either 12 different size/types of connector, or up to 11 spares ready for when the first wears out.



## 3.96 SIPS Adaptor Panels:

- 3.96mm or 0.156" pitch connectors
- Colour coded
- Up to 21 ways
- 6 rows in parallel, allowing for either 6 different size/types of connector, or up to 5 spares ready for when the first wears out.

## General:

- Panels can be mixed and matched
- Any connector can be wired into the SIPS panels