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CABLE ADAPTERS

file:ED Instructions V1

- 1) 15 pin Female to Female Gender Bender (can be used to extend VGA cables or connect to a male end)
- 2) 9 pin Male to Male Gender Bender (used to switch connection direction)
- 3) 20 pin Male connector - Blue Honda (used in FANUC product)
- 4) 8 pin Male connector – DIN connector (used for SODICK product)
- 5) 15 pin Male connector – White /square (used for Mitsubishi products)
- 6) 20 pin Female connector – Silver Honda (used for OKUMA products)
- 7) 8 pin Female connector – Green Sony (used for Allen Bradley & 8400 products)
- 8) 15 pin Female connector – 15 pin LD (used for Allen Bradley / Rockwell products)
- 9) 9 pin Female connector – 9 to 15 pin adapter (used for SOG – Saber Diamond products)
- 10) 15 pin Female connector – 15 pin LD to 15 pin HD (used for Acromatic 950 products)
- 11) 15 pin Male connector – 15 pin LD (used for Schenck products)
- 12) 15 pin Male to Female connector – (to be inserted an the end of the cable to filter out NOISE on sync lines)

VIDEO INPUTS

POWER INPUTS

- | | |
|-----------------------------------|---|
| 1) 9 pin Female – 3 bit 8 colour | A) Power supply – 90-264 Vac input > 12 VDC output |
| 2) 9 pin Female – 4 bit 16 colour | B) 3 pin power adapter cable (commonly used on OKUMA / FANUC type product) |
| 3) 9 pin Female – 6 bit 64 colour | C) 4 pin power adapter cable (commonly used on Allen Bradley / Nematron type product) |
| 4) 5 BNC – RGB & H & V inputs | D) AC power cord |
| 5) 1 VGA 15 pin Female input | E) 12 VDC input – via 3 pin circular screw type connector (typical – 3+ amp requirement) |
| | F) 24 VDC optional (15-30Vdc) |

SETUP PROCEDURE

STEP #1 CONNECT THE VIDEO INPUT

- a) Attach your 9 pin video source to ED's 9 pin D connector on the rear panel **OR**
- b) Attach your BNC cable video source to ED's BNC input (3 wire, **OR** 4 wire **OR** 5 wire input) **OR**
- c) Attach the 15 pin - 6' Video cable to ED's 15 pin D connector. Then choose a cable adapter for your application and connect it to the end of the 15 pin video cable. (see adapter list above) Connect your video source to the adapter.

STEP #2 CONNECT THE POWER INPUT

- a) Attach your 12 VDC source to ED's 3 pin power connector input **OR**
- b) Attach your AC power source (90-264Vac) to ED's brick style POWER SUPPLY directly or with cable adaptors supplied.

STEP #3 AUTOMATIC SETUP

ED will display a SOLID BLUE screen and then display the video signal that is present.
PRESS and hold the CONTRAST>+ button for 3 SECONDS and ED will begin an AUTO SETUP using the video signal present.

STEP #4 TROUBLE SHOOTING

ED will display a messages if the SYNC is not connected (NO SYNC PULSES) ED is waiting for SYNC connection.
ED will display a message if there is no VERTICAL or HORIZONTAL synchronization signal is present. (NO VERTICAL SYNC)
ED will display a message if the sync is connected incorrectly. (ARE SYNC SWAPPED?)
ED will display (measured and calculated) an image based upon the information provided.

- Give ED as much video detail or screen information as the operator or system can provide. Try to provide a known video screen with a border or perimeter, and one that fills the entire screen with characters or known video content.
- Refer to the manual located in the cover of the case for set-up understanding and fine tuning of the image – Refer to MAIN MENU

CALL TOLL FREE FOR ASSISTANCE > 866-725-4200