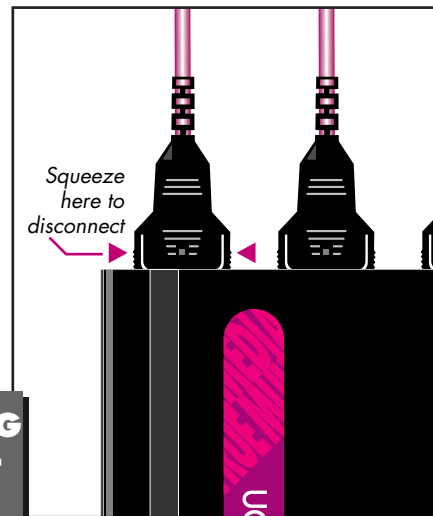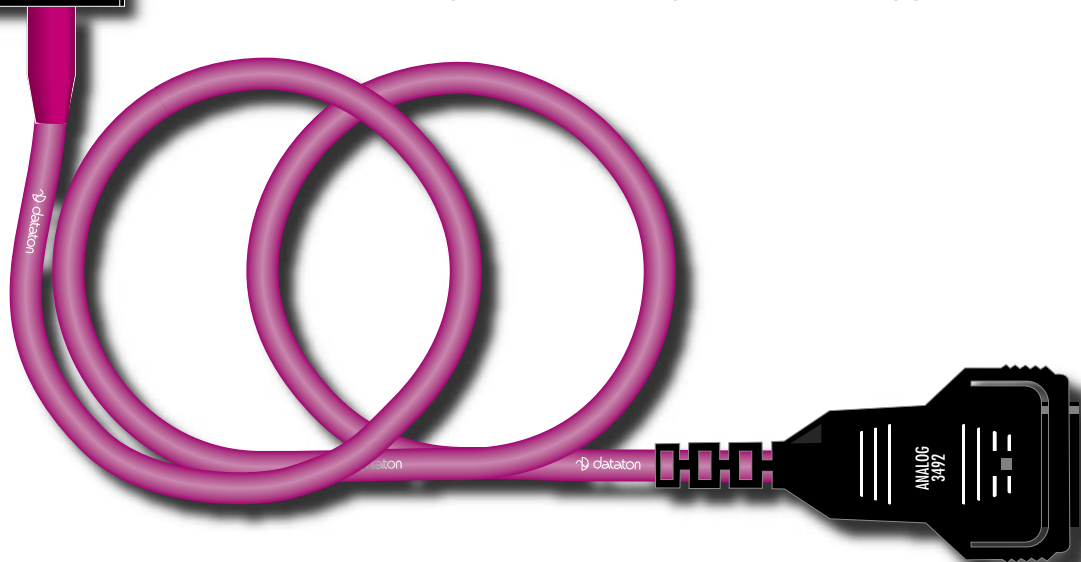# ANALOG SMARTLINK

Art. No. 3492

ANALOG SMARTLINK interfaces SMARTPAX with the analog world of devices, such as voltage controlled dimmers and amplifiers.

It outputs 32 independent 0–10V channels and uses 12 bit D-A converter technology enabling high performance applications.

Squeeze here to disconnect

USAGE

Plug ANALOG SMARTLINK's snap-lock connector into one of the four ports on the back of SMARTPAX. The other end of the ANALOG SMARTLINK connects to the device to be controlled.

When controlled from Dataton TRAX®: In most cases, SMARTPAX is configured automatically from Dataton TRAX. You must, however, manually set the SMART-PAX port address to correspond to the device's address in TRAX. If you are using the manual mode in TRAX, you will need to configure the SMARTPAX using its port, address and device

buttons. Please refer to the SMARTPAX product sheet and the TRAX handbook for more details. The device driver database inside TRAX discusses how to use and program ANALOG SMARTLINK.

With Dataton MICSOFT/MICTOUCH: Configure the SMARTPAX as described in the SMARTPAX product sheet using a Level or Lamp icon. ANALOG SMARTLINK's 32 output channels use one address each, starting at the base address set on the SMARTPAX front panel. Remember that no address may include digits 8 or 9. So, if the base address is 10, pin 1 is accessed by address 10, pin 2 by address 11, etc, until you reach pin 9. Pin 9 is then accessed by address 20, pin 10 by address 21. The last pin, pin 32 is, therefore, assigned address 47. Create projectors with the corresponding addresses in MICSOFT. Use LevelSet or LevelPreset/LevelFade instructions to set/fade to any level between 0 and 10 V in 1% increments.

19   1

37   20
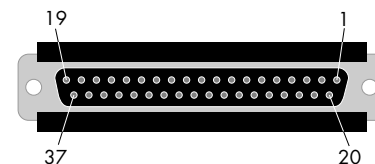
Receptacle layout, outside view

Technical Description

ANALOG SMARTLINK connects to the devices to be controlled via its 37 pin D-sub receptacle. The pins are used in the following manner:

Pin 1-32   Analog channels 1-32.

Pin 33-35   Common pin. All analog channels.

Pin 36-37   Not connected.

Care should be taken not to connect the channels to a negative voltage in respect to the common pins (pin 33, 34, 35) or a higher voltage than +10V. If you force the analog channels outside these limits, you may damage the unit. Although the analog channels are capable of sinking and sourcing as much as 10mA, 12 bit accuracy is not guaranteed for lower load impedance than 20 kΩ.

The ANALOG SMARTLINK cable length is 1.6m (63") and may be extended with Dataton EXTENSION CABLE, article number 3451 (1m), 3452 (2m) or 3455 (5m).

The 37-pin receptacle D-sub housing measures $62 \times 47 \times 17$mm.