

NorBNC Connection System



Over the past two decades it has become more and more evident that researchers require a convenient method of connecting various signals into their computers for simultaneous data acquisition. For this purpose Noraxon developed the NorBNC connector system. Its primary use is to aid the research professional in interfacing multiple modality instrumentation signals with a single computer. Previously, at most research locations, crude "home grown" wiring harnesses were assembled on an ad hoc basis in an attempt to satisfy this function. NorBNC provides a more practical approach.

NorBNC provides 19 connectors on one main assembly ♦ Sixteen (16) BNC connectors correspond with each of the 16 channels normally found on most Analog to Digital converters ♦ One (1) 25 pin D-sub connector are to be used for easy multiple channel input to the board, and ♦ One (1) 26 pin IDC ribbon style header is provided to be used as an output from the unit. There is also a two-position switch located beside each of the BNC connectors. Each switch is provided as an enabled or disabled function for the adjacent BNC connector.

NorBNC Connection System

Benefits

- Saves valuable time in interfacing instruments and computers
- Provides for rapid change of desired inputs
- Can be used with various systems
- Low cost

Features

- Small & lightweight
- Very portable
- Well labeled
- Standard style of connectors utilized
- Interfaces will with most equipment including Noraxon EMG systems

Applications

- Research
- Rehabilitation
- Gait
- Sports
- Industrial development
- Training
- Ergonomics
- General data acquisition requirements

Specifications

Physical Dimensions

- Length: 6.5"
- Width: 7"
- Height: 1.4"
- Weight: 2.25 lb. w/out cables
- Output cable: 20 ft long

Connectors

- 2 ea: 26 pin IDC male header w/locks
- 1 ea: 37 pin IDC D-sub make
- 16 ea: BNC female

Switches

- 16 ea: SPST toggle switch

Cables Provided

- 1 ea: 26 conductor IDC ribbon w/socket connectors
- 1 ea: 26 conductor IDC Noraxon interface cable IDC socket to 37 pin D-sub female