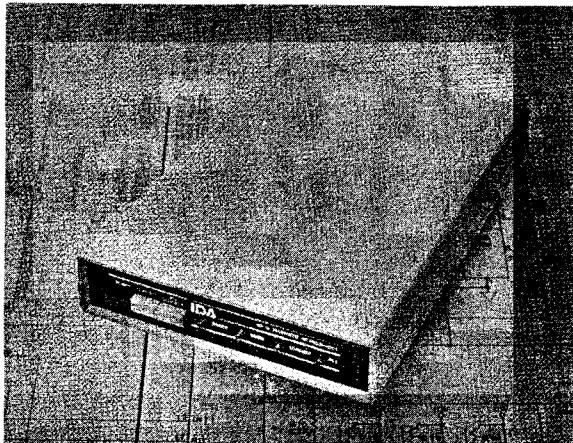


40-15

Variable Sampling Telephone Interconnect



A new era in communication technology... the 40-15 variable sampling telephone interconnect. Take a close look at what the 40-15 has to offer. Its compact design and user conveniences are setting new standards for quality and dependability.

Installed at the base station, the 40-15 is capable of operating in a simplex or half duplex configuration. When used with simplex base stations the sampling time is switch selectable from 400 milliseconds up to 2 seconds. When used with half duplex repeater operations, the sampling feature is bypassed. The 40-15 does not use VOX technology, and in either application, the 40-15 allows complete control of the interconnect by the mobile.

But these are just a few of the many features we've built-into the 40-15. We invite you to compare it's complete lineup of operating and installation features for yourself. And remember, the 40-15 is backed by IDA Corporation's one full year warranty and by our commitment to serving you with the finest after sales support available in the industry.

At IDA we're making the art of technology work for you. See for yourself the difference our commitment to engineering excellence will make.

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CORPORATION

■ FEATURES

- Microprocessor based
Allows operating conveniences and reliability
- Variable Sampling or Half Duplex Operation
- DTMF or Dial Pulse Operation
Switch selectable with modular phone line receptacle
- Window Time
Switch selectable from 20 milliseconds to 160 milliseconds
- Easy Installation
All connections made with a 25 pin D subminiature connector
- Mobile Non-Activity Timer
Switch selectable from 15 seconds to 2 minutes
- Access Code
Switch selectable from 0 to 3 digits
- Ringout Enable
Switch selectable for either one or continuous mobile ringout
- Speed Dial
Allows storage of 5 16 digit numbers
- Last Number Redial
- Optional CW ID'er
- Optional installation kit includes 25 pin mating connector and cover
- Long Distance Inhibit
Switch Selectable for 0, 1, 8, 9

NOTE: Operation of the 40-15 requires that a DTMF encoder be used with each mobile requiring access.

For Additional Information, Call (701) 280-1122

■ SPECIFICATIONS

Supply Voltage: 13.8 volts DC \pm 20%
Operating Temperature: -20°C to $+70^{\circ}\text{C}$

Input Level From Receiver: -40 dbm to $+40$ dbm

Receive Input Impedance: 10K

Output Level to Transmitter: -40 dbm to $+6$ dbm

Transmit Audio Output Impedance: 10K

Telephone Level: IN -30 dbm to $+4$ dbm

Telephone Level: OUT -40 dbm to $+4$ dbm

Interrupt Timer Window: 20 to 160 milliseconds

Sample Rate: 400 milliseconds to 2 seconds

Mobile Non-Activity Timer: 15 seconds to 2 minutes

Dial Pulse Characteristics: 60/40 make/break
10 pulses/second
800 milliseconds inter-

digit time

Dimensions: 6.33" W \times 9.50" L \times 1.48" H