

Model 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.



These are just a few of the many features we've built into the 40-15. We invite you to compare its 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.

Features & Capabilities

- 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





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Specifications

Supply Voltage	13.8 vDC +/- 20%
Operating Temperature	-20° to 70°C
Input Level from Receiver	-40 dbm to 40 dbm
Receive Input Impedance	10K ohms
Output Level to Transmitter	-40 dbm to 6 dbm
Transmit Audio Output Impedance.....	10K ohms
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 Interdigit time
Dimensions.....	6.33" (W) x 9.5" (D) x 1.48" (H)