

# MESSENGER

USB Dialup Telephone Modems  
79-4011 for Pinnacle controllers  
80-7801 for Modulus ACM controller

## USB Dial-up Telephone Modem with Voice

Messenger USB Dial-up Telephone Modems provide a high-speed data and voice playback connection over a standard (POTS) dial-up telephone line for Pinnacle and Modulus (Advanced Communications Module) controllers. This allows for remote access and alarming from locations not served by broadband, DSL, and cellular data connections.

For data operation, the modems support a PPP dial-up Internet connection.

For alarming, the modems support playback of synthesized voice messages compiled via ICLs ScadaBuilder software. No manual recording is required. The modem supports decoding of touchtone tones for alarm acknowledgement and remote access control.

The modems can be field installed by simply plugging them into the controller front-panel USB connectors. Power is supplied from the USB port..

Two modem models are available:

79-4011 Has a type A USB connector for Pinnacle series controllers

80-7801 Has a Mini B USB connector for Modulus ACM controllers



USB Dial-up Telephone Modem with Voice

- HIGH-SPEED 56K DATA FOR ACCESS TO REMOTE LOCATIONS
- HIGH QUALITY SYNTHESIZED VOICE FOR ALARMING
- POWERED BY USB PORT—NO EXTERNAL POWER NEEDED

### TELEPHONE LINE INTERFACE

Transmit Level	-10.5 +/- 1.5 dBm
Receive Level	-43 +2 dBm
Tip/Ring Continuous Current	10mA min., 120mA max.
Dielectric Withstand Voltage	1500 Vrms
Ringer Equivalence Number	0.0B
Data Compression	V.44, V.42bis, and MNP-5

### GENERAL

Power:	from USB connection (5V, On-hook: 82mA, 411 mW Off-hook: 94mA, 470mW)
Data Connector	<b>[79-4011]</b> for Pinnacle controllers (USB Type A) <b>[80-7801]</b> for Modulus ACM controllers (USB Mini B)
Telephone Line Connector	RJ-11 (approved telephone line interconnect cable included)
Dimensions:	(L x W x H) 2.5" x 1.4" x 1.0" (6.35 cm x 3.56 cm x 2.54 cm)
Weight: (w/o cable)	1.12ozs (32g)
Enclosure Type:	Plastic
Operating Temperature:	32° F to +158° F (0° to +70° C)
Humidity:	10% to 95% non-condensing

### APPROVALS

FCC Part 68	Registration Number US: 3A4M500BHM-T-W , TBR21 (ETSI TS103 021-1, -2, -3)
Industry Canada	CS-03 (IC: 2377A-HMTW)
FCC Part 15	
EMC	EN55022, and EN55024
Safety	EN60950-1, EN60601-1 (Medical)

  
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