ProTalk

EFFORTLESS SUPERVISION

ALARM REPORTING & CONTROL SOLUTIONS

B1290
ProTalk Plus

The ProTalk Plus helps to avoid costly downtime and disasters by providing early detection of trouble conditions with your critical equipment. Alarms can be automatically announced over any combination of telephone, radio or public address system. All operating parameters, including voice messages, are fully programmable locally or remotely. By adding up to seven B1292 ProTalk Expanders, the ProTalk Plus can monitor up to 64 digital inputs and 32 outputs.

ProTalk Plus

The ProTalk Plus is a device used to monitor for alarm conditions. Interfacing with your existing sensors, the ProTalk Plus watches for conditions that occur outside your predefined parameters. If an alarm occurs, such as power failure, building intrusion or equipment failure, the B1290 automatically dials out on the telephone line. When the phone is answered, the B1290 announces the name of the site and alarm condition that has occurred. If there is no answer or the alarm is not acknowledged, the B1290 will continue to dial through the programmed list of phone numbers until it reaches someone and is able to report the alarm.

The B1290 ProTalk Plus can be programmed to perform many more functions at the discretion of the user. It can:

- announce alarms over radio, telephone, public address system or any combination thereof.
- be programmed to send coded tones along with the voice messages to activate such devices as radio pagers, relays or annunciator panels.
- be used as a master station to concentrate alarms from a number of remote sites.
- be commanded to perform remote control functions by receiving codes from a touchtone telephone.
- use up to 4 directories and shifts to customize the callout based on alarm grouping or time of day.
- accept up to 7 expanders, increasing the capacity of the unit from the basic 8 alarm inputs and 4 relay outputs up to 64 alarms inputs and 32 relay outputs.
- log events into a report which can be read from the B1290 and saved to file.
- require an access code for dial-up access to programming.
- function in extreme temperatures of -40℃ to +60℃ (-40°F to 140°F).

The B1290 ProTalk Plus is an alarm dialer with a long standing history in industrial applications and is known for its quality and durability. Its predecessor, the B1270, is still in operation in locations across North America.

Highlights

- easy to read LED indicators and removable terminal blocks allow for easy setup and fast installation
- voice prompted interrogate, control and programming functions
- up to 16 callout numbers in each of the 4 directories
- extreme temperature rating of -40℃ to +60℃
- event Logging records all activities within the alarm reporting unit
- can act as a master station to concentrate alarms from other remote B1290s

General Features

Alarm Inputs
- 8, optically isolated, 2 mA to operate. Ground closure causes voice and signaling transmissions
- Expandable with the addition of up to seven B1292 Expanders
- Plug-in screw terminal block accepts AWG 26 to 12 wire

Control Outputs
- 4 independent Form C outputs controlled by programmable DTMF codes; optionally configured for automatic activation upon receipt of inputs; voice announcement when operated; plug-in screw terminal block accepts AWG 26 to 12 wire; 1 A at 30 VDC each or 0.3 A at 120 VAC

Telephone Connection
- PHONE - RJ11; tone or pulse line, POTS interface

Programming Ports
- PGM - RJ11; connects to DTMF capable phone for voice recording and programming
- USB - for database programming and Event Log retrieval

Radio
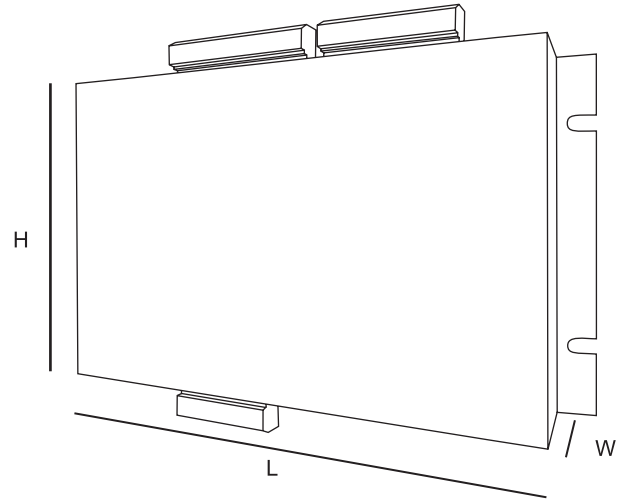- Speaks voice messages
- Transmit numeric pages
- 2 or 5 tone paging

Radio Signalling
- Singletone, DTMF, 2 tone paging, 5 tone paging

Engineering Specifications

Enclosure	Steel, powder coated matte black Mounting ears for panel installation
Environment	-40°C to +60°C, 95% humidity, non-condensing
Connectors	Plug-in screw terminal block unless noted
Power	Version 1: +11.5 VDC to +28 VDC, 100mA standby current, 10mA per active relay Version 2: +10 VDC to +30 VDC, 50mA standby current, 150mA maximum current, 10mA per active relay
Alarm Inputs (8)	optically isolated 2mA to operate Ground closure to operate
Relay Outputs (4)	Independent form C outputs 1A at 30 VDC 0.3A at 120 VDC
Radio Port	TX audio: - 20 dBm to 0 dBm, 600 ohm impedance; unbalanced, AC coupled RX audio: - 20 dBm to 0 dBm, 10 kohm impedance, unbalanced, AC coupled COS: Ground Closure PTT: Open collector, 25 V max, 150 mA max
Program Ports	Telset: RJ11 connector, internal telset bias from the primary power supply Operates with standard touch-tone telephones USB: USB type B connector
Telephone Port	RJ11; tone or pulse line
Acknowledge	Ground closure
Rating	CSA Certified to US and Canadian Standards

Dimensions

Length (L) cm (in)	Width (W) cm (in)	Height (H) cm (in)	Weight kg (lbs)
21.59 (8.5)	5.08 (2)	16.51 (6.5)	1 (2.2)

Available Accessories

PN	Description
B1292	Expander, adds 8 inputs, 4 relays outputs
B1294	Battery Backup Power Supply, inc. B1256
B1256	AC Adapter
LP TELCO	Transient Line Protector

ProTalk pursues a policy of continuous improvement, therefore specifications are subject to change without notice.

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