

ProTalk designs and manufactures high-performance, heavy-duty alarm reporting units. Nothing else works better. Nothing else works longer. Nothing else looks after your alarm reporting for your critical equipment better than ProTalk.

PRODUCT GUIDE 2022

ProTalk Plus

ProTalk Cv3

ProTalk Link

WHAT YOU NEED TO KNOW
WHEN YOU NEED TO KNOW



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°C to +60°C (-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°C to +60°C
- 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

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B1277 ProTalk Cv3

The ProTalk Cv3 provides advanced notification of potentially problematic situations with your site and/or equipment. Capable of monitoring both digital and analog inputs, the ProTalk Cv3 provides versatility and flexibility. The unit is integrated with an LTE cellular module allowing for installation in remote sites. Alarm notifications can be sent via phone, text, email, radio or PA System. Remote alarm acknowledgment, system interrogation and relay control is possible via phone and text.

ProTalk Cv3

The ProTalk Cv3 is a device used to notify an end user of alarm conditions. Alarm conditions are defined by the user and can include such things as pump failures, tank levels and pressure changes. Inputs can be defined as alarming or monitor only, allowing you to define which changes are most critical and require immediate notification. When an alarm condition occurs, the ProTalk Cv3 will announce the alarm using the internal cellular module. The unit will continue to call out using the predefined directory until such time as the alarm is acknowledged. The B1277 ProTalk Cv3 is very versatile and can be programmed to perform many more functions at the discretion of the user. It can:

- announce alarms over telephone, text, radio, PA, email or any combination thereof.
- be programmed to send coded tones along with the voice messages to activate such devices as radio pagers, relay and annunciator panels.
- perform remote control functions using the 4 relay outputs automatically or by receiving user defined DTMF codes or by SMS text message.
- use up to 4 alarm groups and shifts to create custom directories based on common alarms or time of day.
- email a daily activity summary report to notify you of all recorded activity
- email and/or text notifications when alarms are announced, cleared and/or acknowledged (for informational purposes only).
- email, text and/or phone regular status reports including alarm status and enabled analog values
- define security levels for incoming calls and text messages.
- require an access code for phone or text access to programming.
- interact with you in French (limitations apply, contact us for details).
- be installed in hazardous locations requiring Class I, Div 2 rating.
- function in extreme temperatures of -40°C to +60°C (-40°F to 140°F).

The ProTalk Cv3 is the industry standard in cellular alarm dialing and SMS notification and is designed to operate in urban, rural and remote sites across North America.

Highlights

- rated for hazardous areas - Class 1 Div 2
- flexible inputs can accept discrete contacts, analog voltage and analog current (4-20 mA)
- extreme temperature rating of -40°C to +60°C
- receive Alarm Summary and Health Status Reports via Email or SMS text
- low power mode for solar panel applications

General Features

Supported Cellular Networks:

- Canada (Telus, Bell, Rogers, SaskTel)
- USA (Verizon, AT&T)

Display

- indicator LEDs and connector markings

Alarm Inputs

- 10 inputs; configured as Digital or Analog (0-5 VDC, 0-30 VDC and 4 - 20 mA loops)
- 2 Internal Alarm Points (Power Fail and System Alarm)
- plug-in screw terminal block accepts AWG 26 to 12 wire

Relay Outputs

- contact rating: 2 A / 30 VDC
- plug-in screw terminal block accepts AWG 26 to 12 wire
- 2 programmable contact terminals

Program Ports

- USB - for database programming, event log retrieval, cellphone diagnostics and alarm monitoring
- Telsset - RJ11 connects to DTMF capable phone for voice recording and programming

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B1285 ProTalk Link



The ProTalk Link provides a flexible, effective solution to a wide variety of alarm monitoring situations. Each system consists of one main module and at least one communication module. The systems can be further expanded using any combination of the available digital, analog or PLC expansion modules. Alarm notifications can be sent via phone, text, email, radio or PA system. Remote alarm acknowledgement, system interrogation and relay control is possible via phone and text.

ProTalk Link

The ProTalk Link is a modular alarm auto dialer. Cellular dialing, SMS text, public address announcements, PLC integration, remote programming, callout redundancy, expansion capabilities - ALL are possible with the ProTalk Link.

In its simplest form, the ProTalk Link consists of one B1285-M1 control module and one communications module (B1285-T1 - landline or B1285-W4 - cellular). This setup will provide you with a callout, 8 discrete inputs and 4 relay outputs. You can add a complimentary communications module to provide backup alarm dialing in the event of a primary failure. Your choice in communications module will determine your available callout methods - landline calls, radio & PA announcements and/or cellular calls, SMS text and email.

Complex systems require flexibility. You can further expand the ProTalk Link using any combination of our 3 available expansion modules to a maximum of 16 total modules.

The B1285-D1 Digital expansion module provides 16 discrete inputs and 4 reset inputs allowing you to reset the status of any totalizer or accumulator inputs.

The B1285-A1 Analog expansion module provides 8 current loop inputs (4-20mA) and 8 voltage inputs (max 30V).

The B1285-P2 PLC expansion module offers the most in terms of inputs (up to 480 points). Choose from a variety of protocols including Modbus RTU or TCP/IP, Allen Bradley DF1 or Ethernet/IP.

Operation of the ProTalk Link is similar to other units in the ProTalk line of alarm dialers.

When an alarm condition occurs, such as, high or low temperature, power failure or equipment upset, the ProTalk Link automatically places calls to inform people of the situation. In the case of unanswered calls, the ProTalk Link will continue to dial through a list of programmed numbers until it successfully reaches someone and is able to report the alarm.

Highlights & General Features

The B1285 ProTalk Link is very versatile and can be programmed to perform many more functions at the discretion of the user. It can:

- support two communication modules enabling you to send critical alarm messages over any combination of mobile radio, telephone, cellular, paging or electronically in the form of SMS text or Email
- accepts a variety of expansion modules enabling you to monitor over 500 alarm points.
- monitor Modbus, Allen Bradley, and EtherNet/IP PLCs via RS232, RS485 and TCP/IP
- provide local and internet real-time alarm viewing
- announce alarms over telephone, text, radio, PA, email or any combination thereof.
- be programmed to send coded tones along with the voice messages to activate such devices as radio pagers, relay and annunciator panels.
- perform remote control functions automatically by using up to 10 relay outputs or manually by receiving user defined DTMF codes.
- use up to 8 alarm groups and 8 shifts to organize alarm callouts based on common alarms or time of day.
- be customized to suit most applications using a combination of callout units and expansion modules
- accepts both cellular and land line callout modules to provide reporting redundancy
- announce a module failure in the event of a B1285-M1 main module failure using autonomous mode
- email a daily activity summary report to notify you of all recorded activity
- email and/or text notifications when alarms are announced, cleared and/or acknowledged (for informational purposes only).
- email, text and/or phone regular status reports including alarm status and enabled point values
- define security levels for incoming calls and text messages.
- require an access code for phone or text access to programming.
- function in extreme temperatures of -40°C to +60°C (-40°F to 140°F).

The ProTalk Link brings the most in application compatibility and customization and continues the ProTalk trend of industry leading industrial alarm dialers.



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