

FEATURES

- Connect Remote Telecor (and third-party) intercom systems to Central/District Office
- Supports District Wide Coded Messages to Pro-Lite™/2484 Digital Calendar Clock Displays
- Clock Synchronization to Central/District Office
- Power, Status, and Audio Level Indicators
- Line Level Audio Output and Control Contacts for Third Party Systems

DESCRIPTION

The DWP-I-IP District Wide Paging IP Interface is used in Telecor's District Wide Paging System. Its primary function is to provide a means of receiving audio broadcasts from the Telecor II/XL system (version 6.7) located at the central/district office, using the district's WAN/LAN.

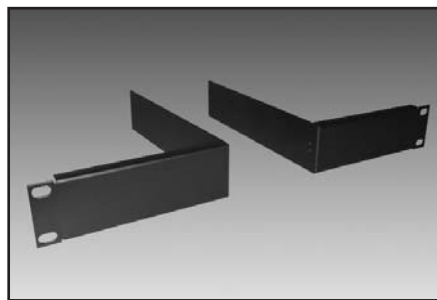
The DWP-I-IP connects via a 100 Mbit Ethernet connection to a school's network switch. A line level audio input connects to the local Telecor II/XL system, providing the audio signal into the local system. A contact closure in the DWP-I-IP queues the local system and is capable of suspending local operations for the duration of the broadcast.

The DWP-I-IP provides a clock data bus connection so that district messages from the central office can be displayed on dedicated district 2484 Digital Calendar Clocks or using a PDD-1 Data Drivers combined with Pro-Lite™ Displays. Which display option is used can be chosen according to location. For example, PDD-1 Data Drivers with Pro-Lite™ Displays can be placed in large common areas such as meeting rooms while 2484 Digital Calendar Clocks are suitable for smaller staff areas or offices. Since these district message displays are part of the central office Telecor XL system, they do not interfere with the local use of the clock messaging displays that are part of the school's Telecor II or XL system.

If the school does not have a Telecor II or XL system, the DWP-I-IP is compatible with third party system as long as they have available line level audio input a control input suitable for connection to a dry contact closure.



With the use of the TTM-RMK rack mount brackets, the DWP-I-IP can be rack mounted in a standard 19" equipment cabinet. The device is powered by an external 24 VDC power adapter (included, part number BA2401).



TTM-RMK RACK MOUNT BRACKETS

DWP-I-IP SPECIFICATIONS

Power Source:	24 VDC
Current Consumption:	250 mA
Input:	1 Ethernet
Audio Output:	1 V, 10kOhm
Frequency Response:	35 Hz – 15 kHz (+0/-3 dB)
Harmonic Distortion:	<0.1% THD @ 1 kHz
Remote Control	
Output:	Contact Closure
Indicators:	
Front Panel:	Power, Status, Signal Level
Rear Panel:	Network Connection Bitrate, Network Activity
Clock Sync:	Telecor Digital Secondary Clocks
Network Interface:	RJ45, 10/100Mbit Ethernet
IP Assignment:	Static or Dynamic
Comm. Protocols:	TCP/IP, UDP, HTTP, ICMP, DHCP, Ethernet MAC
Audio Format:	G.711 (µLaw/aLaw @ 8 or 24 kHz), PCM (16 bit @ 8 or 24 kHz)
Audio Latency:	Typically 0.3s
Terminations:	Plug-In Screw Connectors
Finish:	Black, Textured, Semi-Gloss Enamel
Dimensions:	1.75" H x 7.85" W x 8.31" D (4.4 cm H x 20 cm W x 21.1 cm D)
Weight:	3.62 lbs (1.65 kg)

PARTIAL LIST OF ASSOCIATED EQUIPMENT

TELECOR II	Communications System V6.7
TELECOR XL	Communications System V6.7
TTM-RMK	Rack Mount Brackets
PDD-1	Data Driver
2484	Digital Calendar Clock
BA2401	24V External Power Supply

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