

eSeries™ Network Intercom

Just plug it in!

HD Audio

telecor™



Next-Generation Intercom System

Telecor's **eSeries** Network Intercom is a next-generation, full-featured, non-blocking intercom system with no central server requirements. The **eSeries** System offers intercom, public addressing, music broadcasting, digitally stored announcements, and a synchronized clock system over a facility's LAN.

High-definition audio ensures crystal clear voice communications and outstanding music broadcast quality. **HD Audio** Peer-to-peer technology provides a practically unlimited number of speech channels with unrestricted access to any device on the system.

Just Plug It In!

With Power-over-Ethernet technology, Telecor eliminates all network administration headaches. Simply plug in stations, speakers, consoles, and clocks to your LAN as needed to scale to your facility's requirements. While the system can be customized, no programming is necessary--each device becomes functional as soon as you plug it in.

Whether you need to bridge communication to the office next door or implement a communication system across multiple buildings of a large campus, Telecor's eSeries provides an all-in-one communication solution.

Wall Intercom Stations

Three models of Intercom Stations are available, providing the flexibility to suit any application. All Intercom Stations can operate as Masters or Sub-Stations. The call configuration of any of these stations are programmable, allowing any number Master-to-Sub or Master-to-Master call configurations on a system.

Telecor's built-in roll-over feature allows you to program the call switch to a primary, secondary, and backup call location. If the call is not answered by the primary Master Station after a pre-programmed period of time, the call is automatically redirected to a secondary or back-up station.

Standard Features

- Station status and call pending indicator
- Relay output for control of ancillary devices
- Tamper-proof user switches
- Vandal-proof speaker assembly
- Rugged 11 gauge stainless steel faceplate
- Powered by Power-over-Ethernet (PoE)
- Crystal clear HD speech quality



Single Button Station

The Single Button Speaker Station features a programmable call switch for calling another station or an **eSeries** Administrative Console.

Two Button Station

The Two Button Speaker Station can be used when a simple Master Station is required. The station can receive calls from other stations and is equipped with a Push-to-Talk button and a separate Cancel button. Two Button Stations can also be configured for paging, allowing them to initiate a public address announcement to other stations and loudspeakers.

Three Button Station

The Three Button Speaker Station combines the call capability of the Single Button Speaker Station and the Master Station function of the Two Button Speaker Station.

Speaker Only Stations

Speaker Only Stations have no call-in capabilities and are designed to be used where the only requirement is to receive live or digitally stored announcements, audio programs, and two-way intercom communications originating from a Master Station.



Administrative Console

The **eSeries** Administrative Console is a Master Station used to initiate paging announcements and audio program distributions or easily establish two-way voice intercom with any other **eSeries** Console, Ceiling Speaker, or Wall Station. The display shows information about incoming or outgoing calls. The user has a choice of going hands-free with the built-in microphone/loudspeaker or having a private conversation by picking up the handset. Feature keys make it simple for users to scroll through a list of incoming calls, select a public address zone to make an announcement, or select a source for audio distribution to specific locations.

Standard Features

- Illuminated 2x20 LCD screen
- Displays location of incoming and outgoing calls
- Standard keypad and function keys
- Crystal clear HD speech quality for optimum intelligibility
- Speaker volume control
- Paging microphone connection
- Powered by Power-over-Ethernet (PoE)



Desk Microphone

The **eSeries** Desk Microphone is a great addition to the Administrative Console. It provides two-way voice communication to eStations using a high quality gooseneck microphone/loudspeaker. A push-to-talk switch provides positive control of speech direction. A ring light activates to provide clear indication of live microphone status and waiting calls. The unit can also initiate public address announcements. The Microphone Console connects directly to the **eSeries** Administrative Console.

Standard Features

- Call forwarding
- Single zone page button
- Digital volume control
- Headset jack
- Footswitch control input
- Illuminated microphone status
- Highly visible indication of pending calls



Amplifier

The use of the **eSeries** Amplifier is an easy and cost-effective way to add public addressing capabilities to the Intercom System. The **eSeries** Amplifier's compact 25 watt design makes it ideal for decentralized cable and cost saving installations. For larger applications, higher power amplifiers are available as add-ons. The unit also has the ability to store and playback audio files that can be activated from a contact closure or the Administrative Console. With the built-in tone generator, the **eSeries** Amplifier is ideal for interfacing with building management systems to automatically or manually broadcast alarms and emergency announcements over loudspeakers.

Standard Features

- Class-D design, optimized for high efficiency
- Short-circuit and overload protected
- 25V/70V audio output
- Two microphone/line level audio inputs
- One line level audio output with contact closure queuing
- Four contact inputs for manual audio file playback control



Digital Clocks

The **eSeries** Digital Clocks provide the perfect digital clock solution for virtually any time keeping application. Clocks are automatically updated with the correct time via the network. Each clock is powered by Power-over-Ethernet (PoE), which delivers both DC power and data. This results in cost savings and simplified deployment. With no local power requirements, centralized UPS (uninterruptible power supply) backup keeps the clocks operational, even in the event of a power failure.

Standard Features

- 2.5" or 4" display size
- 12 or 24 hour display
- Surface, flush, or dual face models
- Eight programmable brightness settings
- Loss of communication indicator
- Built-in elapsed time feature
- Keeps own time in event of network failure



Microsoft Excel - eStation programming.xls

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	A	B	C	D	E	F	G	H	
	MAC Address	Network ID	Name	Priority	Primary Call-in	Secondary Call-in	Back-up Call-in	Rollover Time	Call Repe
1	MAC Address								
2	00-50-c2-a3-a1-01	0 1 1 1 1	Console #1	128	N/A	N/A	N/A	N/A	
3	00-50-c2-a3-a1-02	0 1 1 2 16	Room 116	128	0 1 1 1 1	0 1 1 1 2			20
4	00-50-c2-a3-a1-03	0 1 1 2 11	Room 111	128	0 1 1 1 1	0 1 1 1 2			20
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ePort

The ePort is the programming interface for the **eSeries** product family. To access all devices on the network simultaneously for programming, simply plug the ePort into a laptop and the network, then use any terminal program. Programming tables can be downloaded and viewed using any spreadsheet program. From there you can make straight-forward changes such as station names, primary and secondary call destinations, paging zones, roll-over timers, and other operating variables.

Telecor's **eSeries** takes a simple approach to system-wide programming. By using common text-based programming files that require no proprietary software, it's easy to securely back-up all system settings. This **avoids** time consuming methods of station by station programming through a browser. Additionally, there are no network settings or management concerns to worry about because settings for DHCP servers, IP addresses, subnets, or masks are not necessary. Simply upload the programming back to the devices and the entire system is ready for use.



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