

E351

Audio, data and contacts transceiver over IP networks

Product specifications



1 channel audio (0 dB), 1 RS-232 / RS-422 / RS-485 data transceiver (2 or 4 wired user selectable) signal, and 8 ON/OFF contact closures.

E351 is specially designed for PA systems over IP networks. Furthermore, it can be used in intercom systems, access control, tunnels and, in general, any installations requiring the transmission of high quality audio, serial data or contacts signals.

The transmission can be point to point, unicast or multicast, either to other E351 units or to a PC. The audio communication is compatible with any software supporting the RTP protocol, and it is also capable of playing pre-recorded messages. It can be configured via web server, Telnet or a management software from a PC.

It is possible to program events such the input audio threshold, or closing contacts for the transmission or reception of equipments.

Remotely upgradeable firmware.

PC software available to control and configure the equipments.

E351 format is a box that allows its insertion in a 19" 1U rack (one or two units). Optionally, it can be manufactured with a bracket for DIN rail mounting.

Supports power supply 12 to 24 Vdc that eases its installation and maintenance.

DESICO Vigiplus Software Compliant



1 audio channel, one serial data and 8 ON / OFF contacts transceiver

Up to 5 streams audio reception with priorities

Multicast, unicast and multiunicast transmission up to 5 destinations

Supports pre-recorded messages

Configurable via web server

Stand alone format, with possibility of being inserted in a 19" 1U cabinet (option for DIN rail mounting)

Allows power supplies from 12 to 24 Vdc



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Specifications:

Electrical interface			
	Audio	Data	Contacts
Transmitted signals Type	1 bidirectional balanced audio signal 20 Hz ~ 20 kHz (0 dBm nominal, +10 dBm maximum level)	1 serial data signal RS-232, RS-422 or RS-485 (2/4 w.)	8 bidirectional dry contacts signals
Maximum binary rate		> 128 kbps (RS-232 and RS-422) > 19.2 kbps (RS-485)	
Signal / noise ratio (weighed)	80 dB		
Input impedance	600 balanced		
Output impedance	33		
Codification	PCM or G711-A (selectable)		
Sampling frequency	8, 32 or 48 kHz		
Electrical signal connector	1 x 8-poles terminal	1 x 8-poles terminal	2 x 16 poles terminal

Network interface	
Type of signal	1 x 10Base-T, 100Base-TX (autonegotiation)
Operating mode	Full/half duplex (automatic detection)
Protocols	IP, TCP, UDP, DHCP, IGMP, RTP
Communication	Point to point, unicast and multicast
Signal connector	1 x RJ-45 connector

Power supply	
Power voltage	12 Vdc ~ 24 Vdc
Consumption	< 5 W
Power supply connector	Screw on terminal

Format and dimensions	
Format	Box for insertion in a 19" 1U rack (optional bracket for DIN rail)
Dimensions	215 x 165 x 43 mm (without connectors)

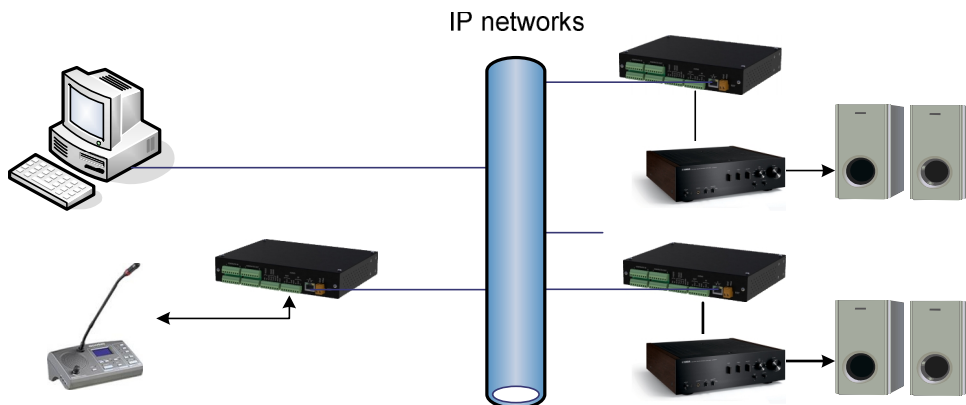
Environmental operating conditions		
Temperature	-20 °C ~ 70 °C	
Humidity	0% ~ 95% (non condensing)	

Indicators	Denomination	Colour
Power supply	ON	Green
Operation	RUNNING	Green
Error	ERR	Red
Data transmission	TX	Green
Data reception	RX	Green
Contacts status	CONTACTS	Green
Audio level	AUDIO	Green/Amber/Red

Ordering information:

Code	Version
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Sample application:



Specifications can be modified without previous notice as a consequence of the continuous improvement process of our systems