

INT-TX Integrus transmitter

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Invented for life



- ▶ Can distribute a maximum of 4, 8, 16 or 32 audio channels
- ▶ Can be used with DCN Next Generation, or analogue systems like the CCS 900
- ▶ Flexible configuration of channels and channel quality modes for efficient distribution
- ▶ Configuration of transmitter and system via a display and one single rotary push button

The transmitter is the central element in the Integrus system. It accepts analogue or digital input, modulates these signals onto carrier waves and transmits these carrier waves to radiators located in the room.

Functions

- Auxiliary mode for distribution of music to all channels during a break
- Slave mode for distribution of signals from another transmitter allows multiple rooms to be used
- Test mode which produces a different frequency tone for each input/channel, with the tone gradually rising as the channels are stepped through
- Adjustable sensitivity for each input to enable fine tuning of audio levels
- Built-in mini infrared radiator for audio monitoring
- Radiator and system status indication via display
- Each transmitter can be assigned a unique name by the installer for easy identification in a multi-transmitter system
- Each audio channel can also be assigned a unique name by the installer. These names can be selected from a list of options or entered manually
- Automatic distribution of emergency messages to all channels
- Automatic standby/on function
- Automatic synchronization to the number of channels in use in a DCN system

- Automatic synchronization of language names in use in a DCN Next Generation system
- Universal mains power facility allows use worldwide
- Stylish 19" (2U) housing for tabletop use or rack mounting
- Handgrips for easy transportation

Controls and Indicators

- 2 x 16 character LCD display for status information and transmitter configuration
- Rotary push button for navigation through menus and configuration
- Power on/off switch on front panel

Interconnections



Interconnections (at rear of transmitter)

- Male Euro socket for mains connection
- Slot with audio data bus connector (H 15, female) for accepting LBB 3422/20 Symmetrical Audio Input and Interpreters Module
- 4, 8, 16 or 32 cinch connectors for input of asymmetrical audio signals
- Two XLR sockets for input of symmetrical signals of floor, emergency messages or music
- One terminal block socket for distribution of emergency messages to all channels
- 3.5 mm (0.14 in) stereo headphone socket for monitoring inputs and channels
- One BNC connector for accepting an HF signal from another transmitter
- Six BNC connectors for output of HF signal to up to 30 radiators
- Two Optical Network Connectors for connection within a DCN Next Generation system*

* LBB 4416/xx Optical Network Cables required

Parts Included

Quantity	Component
1	INT-TX Integrus transmitter
1	19" rack mounting brackets, detachable feet and mounting accessories for modules included
1	System installation and operating manual on CD-ROM
1	Mains cable

Technical Specifications

Electrical

Mains voltage	100-240 Vac, 50-60 Hz
Power consumption	
operating, maximum	55 W
standby	29 W
Asymmetrical audio inputs	+3 dBV nominal, +6 dBV maximum (± 6 dB) +15 dBV nominal, +18 dBV maximum (± 6 dB)
Symmetrical audio inputs	+6 to +18 dBV nominal
Emergency switch connector	emergency control input
Headphone output	32 ohm to 2 kohm
HF input	nominal 1 Vpp, minimum 10 mVpp, 75 ohm
HF output	1 Vpp, 6 VDC, 75 ohm

Mechanical

Dimensions (H x W x D)	
for tabletop use, with feet	92 x 440 x 410 mm (3.6 x 17.3 x 16.1 in)

for 19" rack use, with brackets	88 x 483 x 410 mm (3.5 x 19 x 16.1 in)
in front of brackets	40 mm (1.6 in)
behind brackets	370 mm (14.6 in)
Weight without brackets, with feet	6.8 kg (15.0 lb)
Mounting	brackets for 19" rack mounting or fixing to a tabletop Detachables feet for free-standing on a tabletop
Color	charcoal (PH 10736) with silver

Ordering Information

INT-TX04 4-Channel Transmitter

4-channel
Order number **INT-TX04**

INT-TX08 8-Channel Transmitter

8-channel
Order number **INT-TX08**

INT-TX16 16-Channel Transmitter

16-channel
Order number **INT-TX16**

INT-TX32 32-Channel Transmitter

32-channel
Order number **INT-TX32**

INT-TX04-US 4-Channel Transmitter (US)

US version
Order number **INT-TX04-US**

INT-TX08-US 8-Channel Transmitter (US)

US version
Order number **INT-TX08-US**

INT-TX16-US 16-Channel Transmitter (US)

US version
Order number **INT-TX16-US**

INT-TX32-US 32-Channel Transmitter (US)

US version
Order number **INT-TX32-US**

Accessories

LBB 3422/20 Symmetrical Audio Input and Interpreter Module

Used for interfacing the Integrus transmitter with the CCS 900 discussion systems and the LBB 3222/04 6-Channel Interpreter Desk.
Order number **LBB3422/20**

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