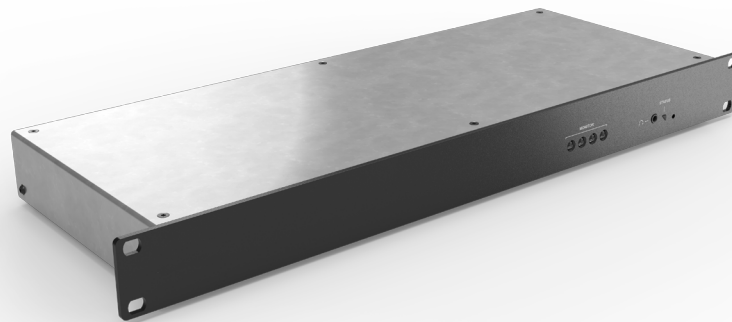




## Lingua T

### Lingua Digital Infrared Transmitter



#### Description

The Lingua IR transmitter is the heart of the digital infrared language distribution system and complies with IEC 61603-7 and IEC 60914 standards, allows you to combine other standards-compliant equipment. It has been built for *user-friendly configuration* without the need for in-depth knowledge of the IR spectrum.

#### Digital Audio for Up to 12 Channels

Unlike other IR language distribution systems audio is not injected through analog audio interfacing, but through a redundant Dante™ network, a *digital networked audio interface*. This makes the transmitter *independent of the number of channels* the system needs to support. By default, 6 channels are available but the transmitter can be licensed for a higher channel count: up to 12 channels.

#### Fine-grained Web Server Configuration

The Lingua T permits complete configuration and setup through a webserver.

#### Flexible Channel Identification

Each of the audio channels can be assigned an automatic language ISO code for easy identification. If necessary, language names can be easily adjusted.

#### Ample Outputs

The Lingua transmitter has four BNC output connectors to provide a signal to the Lingua radiator(s). Each output can drive up to 20 Lingua radiators with a maximum cable length of 900 m.

#### Additional Channels

Activating the auxiliary mode during breaks will provide music to all channels (activation through web server or dry contact). When the transmitter is connected to an emergency system that becomes active (dry contact), an alarm signal will be broadcast to all channels.

#### Testing & Debugging

The built-in infrared emitters for audio monitoring and test generator are useful features for system setup and debugging.

## Worry-free Setup

The system automatically assigns IR bands in the most efficient way without the need for in-depth knowledge. The Lingua T even allows you to indicate which bands not to use in order to prevent interference from, e.g. IR microphones.



## Benefits

- Dante™ interface (redundant)
- Independent of channel number (up to 12 audio channels) with 6 standard channels. Upgrades possible through a different license:

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*License upgrade to 12 channels*

- Slim & lightweight: saves rack space (1U)
- Easy configuration, including testing and debugging
- Set up in no time: plug & play
- Automatic delay line compensation

## Features

- On/Off switch
- Possibility to connect headphones
- Configuration via webserver or API interface
- Assign language name to each audio channel (automatic ISO code assignment)
- Emergency signal interface
- Music mode
- Build-in emitter for audio monitoring

## Connectivity

- Ethernet for webserver access
- Power connection
- 3.5 mm stereo headphone connection
- Factory reset button
- 2 XLR inputs with status LEDs
- 2 dry contacts for activation of:
  - Emergency message

- Music distribution

## Certifications

| Region    | Certification          |
|-----------|------------------------|
| Europe    | CE                     |
| Worldwide | IEC61603-7<br>IEC60914 |

## Specifications

| Mechanical        |  |
|-------------------|--|
| Material          | Steel  |
| Color             | RAL9011  |
| Size (mm)         | 483 (w) × 44 (h) × 190 (d)<br>1U × 190 (d), without feet |
| Weight (g)        | 2850   |
| Electrical        |  |
| Mains voltage     | ~125V (60Hz)<br>~230V (50Hz)                             |
| Power consumption | 50 W   |
| Cable to radiator | RG59 (75 Ω)  |

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