

# Synexis TS8

Stationary Transmitter



## FEATURES

- 18 selectable frequencies
- Rugged metal housing, suitable for 1/2 19" rack mounting
- OLED display to indicate channel, AF level, frequency and channel lock function
- Automatic screen saver mode
- Headphone connection, 1/4" stereo jack (6.35 mm)
- Headphone standard: Aux + Mic; Aux only on request
- Channel selector buttons
- Channel lock functions
- On/off switch (on the front)
- Separate level controls for microphone, AUX and headphone
- Connections for antenna, MP3 or CD player, line or microphone
- Switchable AF transmitting power
- Cable grip for strain relief of the power adapter cable
- Powered by a power adapter

## SUPPLIED ACCESSORIES

- Power adapter with multifunction connector
- Rod antenna (TNC)
- 19" mounting kit
- Connecting cables for antenna connection on the front

## APPLICATIONS

The Synexis TS8 stationary transmitter is used together with the Synexis RP8 belt-pack receiver. The stationary transmitter opens up numerous kinds of application. For example in conferences several languages can be translated or transmitted simultaneously. Announcements or explanations are possible via a microphone connected to the transmitter. Separate level controls for all input channels allow an individual setting and offer an optimal speech intelligibility.

If required, an MP3 or CD player can be connected as well.

The operation range is approximately 328 ft (100 m) with a line of sight between transmitter and receiver.

The OLED display indicates channel, frequency and channel lock function. With the channel lock function accidental shifting of the selected channel is avoided.

The transmitter is powered via the supplied power adapter.

With the extensive supplied accessories, the stationary transmitter can be integrated into a 19" rack or housing and the antenna is mounted on the front.

## COMPONENTS

Synexis TS8    Frequency range  
863 - 865 MHz . . . . . Order # 722.324

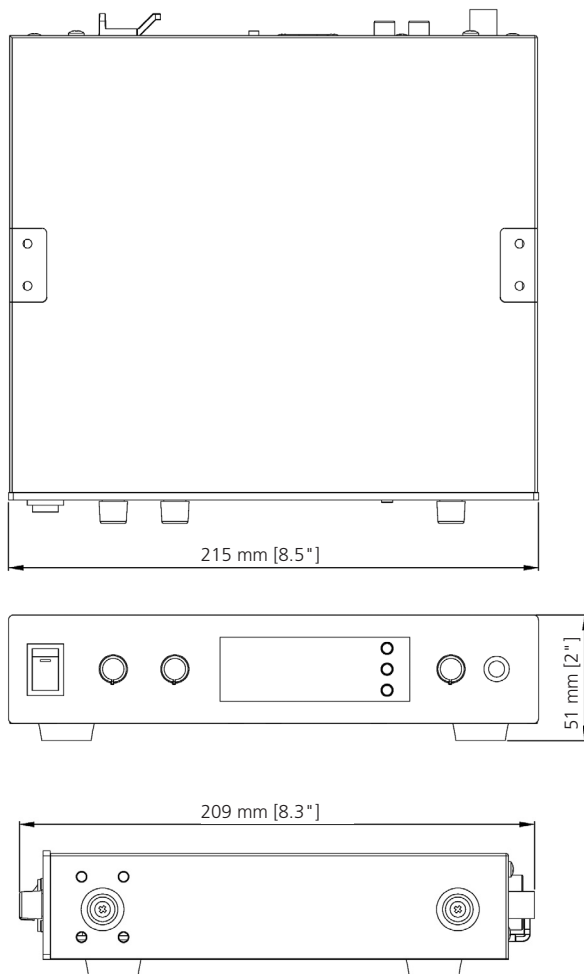
# Synexis TS8

## ARCHITECT'S SPECIFICATIONS

Stationary transmitter with 18 selectable frequencies in the frequency range of 863 - 865 MHz. Rugged metal housing, suitable for 19" rack mounting. OLED display to indicate channel, AF level, frequency and channel lock function, automatic screen saver mode. On/off switch, channel selector buttons and channel lock function, headphone connection (1/4" stereo jack) for monitoring (MIC signal can be turned off). Separate level controls for microphone, AUX and headphone. Connections for antenna, MP3 or CD player, line or microphone. Selectable RF transmitting power. Strain relief for power adapter cable. Supplied with power adapter, rod antenna, 19" mounting kit incl. connecting cables for antenna connection on the front.

Manufacturer: beyerdynamic  
Type: Synexis TS8

## DIMENSIONS



All dimensions in mm and [inch].

## TECHNICAL SPECIFICATIONS

Oscillation type	PLL synthesised control OSC
Carrier frequency	863.150 - 864.850 MHz
Adjustable frequencies	18 pre-programmed, switchable frequencies
Type of emission	FM
Max. modulation	45 kHz with level limiting
RF power output	Lo: 10 mW (ERP) / Hi: 100 mW (ERP)
Compander system	Compander and ALC
T.H.D.	< 1%
SINAD	> 40 dB at f = 1 kHz, Mic In = -30 dBV, Hi level
Modulation	15.6 ±1 kHz bei f = 1 kHz, Mic In = -40 dBV
Dynamic range	80 dB
Preemphasis	50 µs
Tone frequency	38 kHz
Power requirement	DC adaptor 12 - 15 V, 500 mA
Input / output	MIC (balanced / unbalanced), AUX, Phone
Headphone connection*	1/4" jack (6.35 mm)
Controls volume	Power, Aux / Vol., Mic / Vol., Phone / Vol.
Frequency response	70 Hz - 13 kHz with RP8
Operating range	Hi: 120 m / Low: 50 m with RP8 (open field)
Ambient temperature	-10 °C to +50 °C [14 to 122 °F]
OLED display	Frequency, Audio level, Lock
According to regulation	EN 301357
Dimensions (L x W x H)	209 x 215 x 51 mm [8.3" x 8.5" x 2"]
Weight	approx. 1.7 kg [3.75 lbs]

\*In order to change the headphone output of the transmitter internally to "Aux", please contact the Service department at beyerdynamic.

\*\*In order to change the RF output power internally, please contact the Service department at beyerdynamic. Please note the country-specific regulations.

## 19" MOUNTING KIT (SUPPLIED ACCESSORY)

