

# 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 TS2 stationary transmitter is used together with the Synexis RP2 beltpack 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

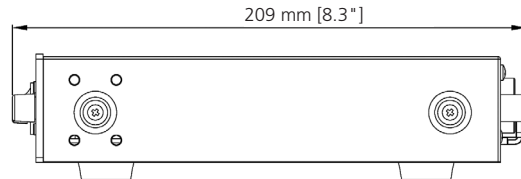
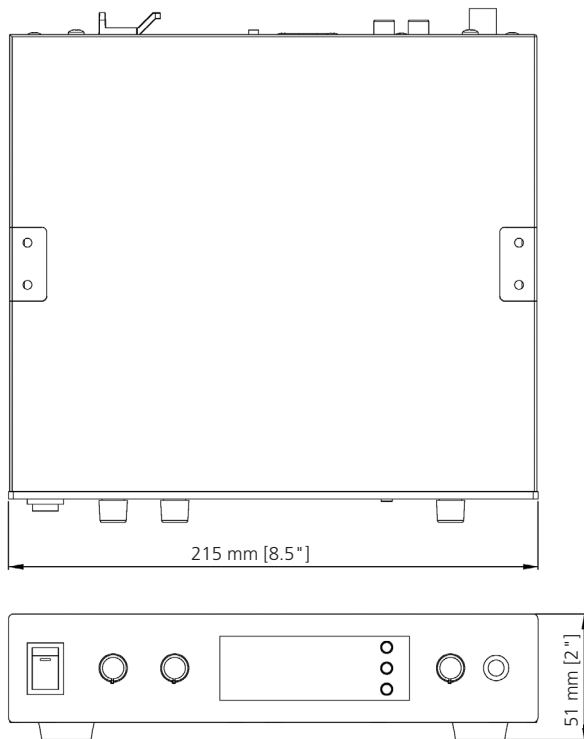
# Synexis TS8

## 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



## 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 carrier power . . . . . Hi: 20 ±2 dBm / Lo: 6 ±2 dBm  
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  
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)  
Operating temperature . . . . . -10 °C - 60 °C  
OLED display . . . . . Frequency, Audio level, Lock  
According to regulation . . . . . EN 301357  
Dimensions (L x W x H) . . . . . 210 x 215 x 50 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.

All dimensions in mm and [inch].