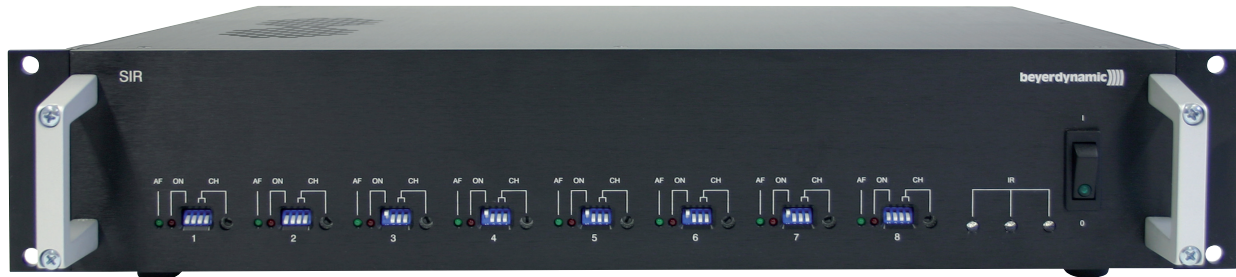


# SIR 800

Compact Transmitter



Order # 484.512



## FEATURES

- Up to 32 channels
- Quick and easy set-up

## DESCRIPTIONS

The SIR 800 compact transmitter is used within the SIR conference system for the transmission of 8 audio channels by infrared light.

The audio signals are converted into frequency modulated infrared light and then transmitted with the SIR 801 radiators, which are directly connected to the SIR 800. The original (OR) and a maximum of 7 target languages can simultaneously be transmitted on different carrier frequencies by narrow band frequency modulation.

The transmitted signals are received by the SIR 320 receiver and can then be monitored with headphones.

With miniature switches on the front panel the frequency band can be chosen and the channels can be switched ON or OFF. With a rotating switch it is possible to assign up to 32 transmission channels.

3 infrared transmitter diodes allow monitoring for the technician without radiators. Eight green LEDs indicate the status of the appropriate interpreter channel.

LEDs on the front panel indicate the operation mode: channel ON (red) and audio signal available (green).

## OPTIONAL ACCESSORIES

SIR 801	Infrared radiator	Order # 484.520
SIR 320	Receiver	Order # 484.539
CA 5105	BNC cable, 5 m	Order # 484.601
CA 5110	BNC cable, 10 m	Order # 484.628
CA 5120	BNC cable, 20 m	Order # 484.636

## TECHNICAL SPECIFICATIONS

The unit is complying with the international standard IEC914.

### Connections

Input for the original language (OR) and the target languages. . . . . 8 x XLR socket, 3-pin, +6dBu, balanced or 25-pin SUB-D ("Tascam-Standard")

IR LINK . . . . . 2 x BNC socket  
1: Connection for a maximum of 10 SIR 801 radiators  
2: Connection for a maximum of 10 further SIR 801 radiators  
RF LINK for cascading (RF)  
with further SIR 800 control units . . . 1 x BNC socket

### LEDs

Illuminated power switch. . . . . green  
LEDs for channel ON indication. . . . red  
LEDs for Audio available (AF) . . . . green  
Transmission frequencies . . . . . 55 kHz – 1335 kHz in 40 kHz steps  
Intermediate frequency . . . . . 455 kHz  
T.H.D. . . . . < 0.2%  
Signal-to-noise ratio . . . . . > 70dB  
Channel separation. . . . . > 60dB  
Supply voltage . . . . . 90 - 250 VAC, 50 / 60 Hz  
Power consumption . . . . . 40 W max.  
Dimensions (W x H x D): . . . . . 433 x 88 x 305 mm 19", 2 U,  
Housing . . . . . Aluminium, "black" anodised  
Weight. . . . . 4.6 kg

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