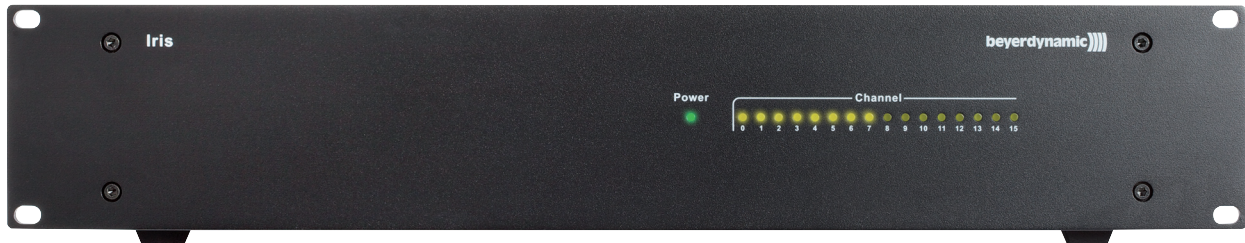


Iris TS Mk II

Infrared Control Unit

Order # 724.742



FEATURES

- DQPSK digital modulation technology
- Band IV operation between 2 and 6 MHz
- Up to 16 channels
- Infrared does not pass through walls, therefore signals cannot be overheard
- Suitable for the use in conference rooms or outside
- In compliance with the international IEC 61603-7 standard

DESCRIPTION

The Iris TS Mk II control unit is used within the Iris conference system for the transmission of maximal 16 audio channels by infrared light.

The audio signal is converted into frequency modulated infrared light and then transmitted with the Iris EF radiators which are directly connected to the Iris TS Mk II control unit. The original (OR) and a maximum of 15 target languages can simultaneously be transmitted on different carrier frequencies by narrow band frequency modulation.

LEDs indicate the appropriate status: channel on and audio signal present.

Up to 30 Iris EF radiators can be connected to the Iris TS Mk II control unit.

The Iris TS Mk II control unit is compliant with the international IEC 61603-7 standard.

TECHNICAL SPECIFICATIONS

Modulation	.....	DQPSK
Modulation frequency	.....	2 to 6 MHz
Transmission range	.....	20 Hz to 20 kHz (-3 dB), switchable
8-channel operation	.....	20 Hz to 20 KHz
16-channel operation	.....	20 Hz to 10 kHz
T.H.D.	.....	< 1%
Crosstalk attenuation at 1 kHz.	.....	> 80 dB
Dynamic range	.....	> 85 dB
Weighted signal-to-noise ratio	.....	> 80 dBA
Transport temperature	.....	-40 °C to +70 °C
Operating temperature	.....	0 °C to +45 °C
Max. relative humidity	.....	< 95%
Balanced audio inputs	.....	-12 to +12 dBV
RF output	.....	1 Vpp, 0 V DC, 75 Ω
Mains voltage	.....	100 - 240 V, 50 bis 60 Hz
Power consumption	.....	max. 11 W
Power consumption (stand-by)	.....	9 W
Dimensions (H x W x D)	.....	88 x 483 x 344 mm
Weight	.....	3 kg
Colour	.....	black
Compliant with standard	.....	IEC 61603-7

OPTIONAL ACCESSORIES

CA 5111	Connecting cable BNC male-male,	
	length 10 m, 75 ohms	Order # 723.096
CA 5121	Connecting cable BNC male-male,	
	length 20 m, 75 ohms	Order # 723.118
Iris EF	Infrared radiator	Order # 722.839
Iris RP-8 Mk II	Infrared receiver, 8 channels ..	Order # 724.750
Iris RP-16 Mk II	Infrared receiver, 16 channels ..	Order # 724.769