

# IS 300 Infrared

Headphones | TV Headphones

Cat. No. 004150

## General Description

The IS 300 Stereo system consists of the TI 300 infra-red transmitter and the RI 300 infra-red stereo stethoset receiver. It can be connected directly to television sets and hi-fi systems via the headphone jack socket. The stethoset headphones feature an on/off/volume control. One transmitter can supply several RI 300 stethoset receivers.



## Features

- Very easy to use
- Excellent speech intelligibility, good music reproduction
- Transmitter with radiating power for rooms of up to 60 m<sup>2</sup>
- Excellent transmission reliability due to 2.3/2.8 MHz carrier frequencies
- Receiver powered by environmentally friendly NiMH rechargeable accupack
- Transmitter can charge two accupacks at the same time
- Lightweight receiver (45 g incl. accupack), very comfortable to wear
- Delivery includes: 1 RI 300 stereo stethoset receiver, 1 BA 151 accupack, 1 TI 300 transmitter, 1 plug-in mains unit, 1 spare set of ear-cushions, 1 AF connection cable w. 3.5 mm/1/4" jack plug

## Recommended Accessories

- |   |                 |
|---|-----------------|
| ■ BA 151 accupack   | Cat. No. 004146 |
| ■ RI 300 supplementary stethoset receiver                           | Cat. No. 004378 |
| ■ EP 1 replacement ear-cushions (black, firmer version, 4 pieces)   | Cat. No. 004655 |
| ■ EP 2 replacement ear-cushions (transp., softer version, 4 pieces) | Cat. No. 004656 |

## Replacement Parts

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|--|-----------------|
| ■ Replacement ear-cushions, black (firmer version)       | Cat. No. 037080 |
| ■ Replacement ear-cushions, transparent (softer version) | Cat. No. 040949 |
| ■ Adaptor cable for connection to SCART socket           | Cat. No. 077798 |

## Product Variants

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|---|-----------------|
| ■ IS 300-120: as IS 300, but with USA plug-in mains unit and AF connection cable with RCA phono connector | Cat. No. 004151 |
| ■ IS 300-UK: as IS 300, but with UK plug-in mains unit  | Cat. No. 004152 |

## Technical Data – RI 300 Stethoset Receiver

Modulation.....	FM, stereo
Receiving frequencies.....	2.3/2.8 MHz
Frequency response.....	18 – 18,000 Hz
THD.....	< 1 %
Signal-to-noise ratio.....	typ. 64 dB
Max. SPL.....	approx. 110 dB
Operating time.....	approx. 5 h per accupack
Weight (incl. accupack).....	45 g
Dimensions.....	137 x 188 x 20 mm

## Technical Data – TI 300 Transmitter

Modulation.....	FM, stereo
Carrier frequencies.....	2.3/2.8 MHz
Frequency response.....	18 – 18,000 Hz
THD.....	< 1 %
Signal-to-noise ratio.....	typ. 64 dB
Power consumption.....	10 VA
Power supply.....	via plug-in mains unit
– European version.....	NG 20
– USA version.....	NT 20-120
– UK version.....	NT 20-UK
Connector.....	3.5 mm jack plug with adaptor to 1/4" (6.3 mm) jack plug
Weight.....	approx. 180 g
Dimensions.....	135 x 35 x 88 mm
Total height (transmitter with receiver).....	205 mm

RI 300		TI 300		
18-18,000 Hz	45 g	18-18,000 Hz	2.3/2.8 MHz	3.5/6.3 mm