

EKI 1029

IR Audio Transmission Technology | Receivers

General Description

The EKI 1029 is a slim multi-channel receiver for narrow-band applications. It is powered by an environmentally friendly accupack and can be used with headphones, stethoset headphones, earphones or induction couplers. The EKI 1029 is fitted with a squelch and has an energy-saving function.



Technical Data (for -PLL 32)

Modulation	narrow-band FM
Carrier frequencies	55 – 1,335 kHz
Channels	ch. 0 – ch. 31, switchable
AF frequency response	50 – 8,000 Hz
THD	typ. 2 %
Min. terminating impedance	25 Ω
Headphone output	3.5 mm mono jack socket with on/off function
Power supply	BA 1029 accupack, 2.5 V, 170 mAh
Operating time	approx. 30 hrs
AF signal-to-noise ratio	> 52 dB(A)
Weight	approx. 100 g

Features

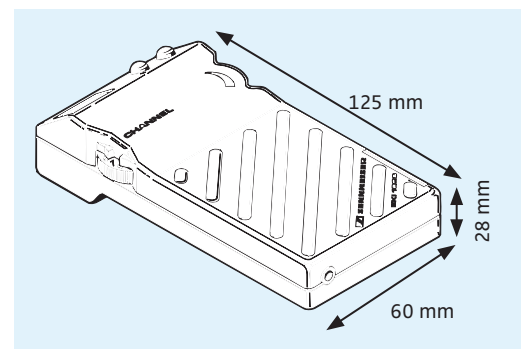
- Multi-channel bodypack receiver
- Narrow-band
- Powered by BA 1029 accupack, can be recharged in the receiver
- Squelch
- Energy-saving circuitry
- Headphone socket (3.5 mm mono jack) with on/off function
- Delivery includes: 1 x EKI 1029 multi-channel receiver
1 x BA 1029 accupack

Recommended Accessories

- | | |
|--|-----------------|
| ■ HD 410 D open headphones | Cat. No. 002146 |
| ■ HD 1029 open headphones | Cat. No. 003985 |
| ■ TC 2-26 stethoset headphones | Cat. No. 005115 |
| ■ TC 2-36 earphone with earbow | Cat. No. 005116 |
| ■ L 1029-20 charging case for 20 receivers | Cat. No. 003776 |
| ■ L 1029-75 charging case for 75 receivers | Cat. No. 003371 |
| ■ Plug-in mains unit for charging cases | |
| NT 29 European version | Cat. No. 004002 |
| NT 29-120 USA version | Cat. No. 004003 |
| NT 29-UK UK version | Cat. No. 004004 |
| ■ BA 1029 accupack | Cat. No. 003708 |

Product Variants

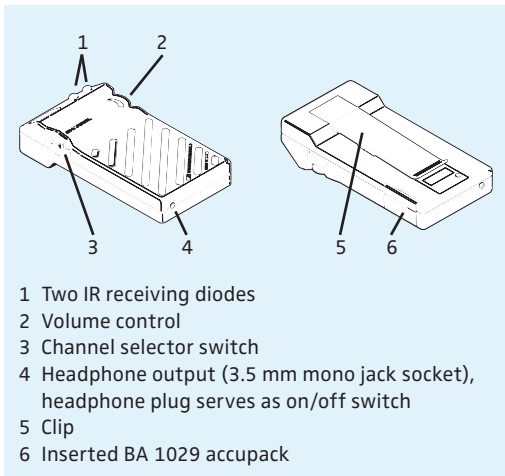
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| ■ EKI 1029 PLL 32: Multi-channel receiver,
32 switchable channels (ch. 0 – ch. 31) | Cat. No. 004623 |
| ■ EKI 1029 PLL 16: Multi-channel receiver,
16 switchable channels (ch. 0 – ch. 15) | Cat. No. 003627 |
| ■ EKI 1029 PLL 16 H: Multi-channel receiver,
16 switchable channels (ch. 16 – ch. 31) | Cat. No. 004622 |
| ■ EKI 1029-12: Multi-channel receiver,
12 switchable channels (ch. 0 – ch. 11) | Cat. No. 003252 |
| ■ EKI 1029-7: Multi-channel receiver,
7 switchable channels (ch. 0 – ch. 6) | Cat. No. 003475 |



Dimensions of the EKI 1029

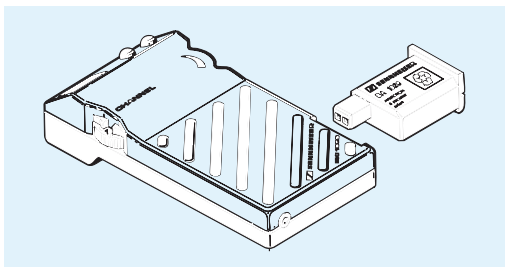
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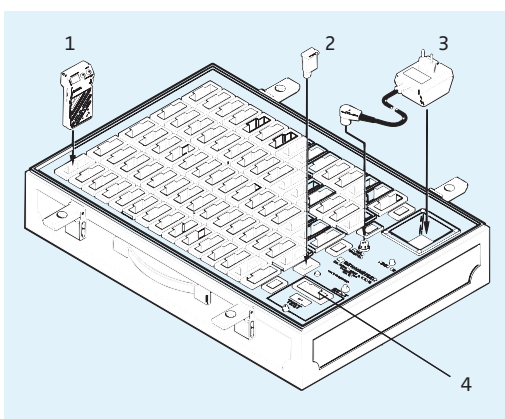


- 1 Two IR receiving diodes
- 2 Volume control
- 3 Channel selector switch
- 4 Headphone output (3.5 mm mono jack socket),
headphone plug serves as on/off switch
- 5 Clip
- 6 Inserted BA 1029 accupack

Front and back of the EKI 1029



Inserting the BA 1029 accupack



L 1029-75 charging case

The EKI 1029 narrow-band bodypack receiver is an ideal choice for conference applications – with up to 32 switchable channels (EKI 1029 PLL 32), even very large conferences can be catered for. The EKI 1029 can easily be attached to a shirt or jacket pocket via the clip on the back – or the conference participant simply places the receiver on the table. The headphone socket allows connection of a wide range of headphones, for the extensive Sennheiser range see the chapter on “Accessories”. Models range from lightweight stethoset headphones to almost invisible earphones. Even the hearing impaired are catered for with the neck induction loop or induction couplers. For example, a headphone model such as the HD 1029 offers optimum comfort even when worn for many hours.

The EKI 1029 is automatically switched on when you connect a headphone plug to the headphone output socket. When the plug is removed, the receiver is switched off again. If no IR signal is received, energy-saving circuitry switches the receiver – with headphones connected – to stand-by. This prevents the accupack from being discharged too early, and there is no need to disconnect the headphones during conference breaks. If the IR signal received is too weak for good reception, the EKI 1029 mutes the audio output signal via the built-in squelch.

The BA 1029 accupack is inserted at the side of the receiver. For recharging purposes, the entire receiver (with the accupack inserted) is inserted into a slot in the L 1029 charging and transport case, versions are available for 20 or 75 receivers. Since the receivers have an operating time of approx. 30 hrs, they do not require daily recharging.

The L 1029 transport and charging case serves to store, transport and recharge the EKI 1029 receivers. The L 1029-75 version is designed for 75 receivers and the L 1029-20 for 20 receivers. For recharging purposes, the receivers are inserted into the recharging slots (1), and the accupacks remain in the receivers. In addition, you can recharge up to five spare accupacks (2). The plug-in mains unit NT 29 is connected as shown in the drawing (3). It is not delivered with the case but must be ordered separately in the version you require (European, UK or USA versions available). The L 1029 is fitted with a test socket (4) to check the voltage of the accupacks while they remain in the receivers.