

TYFONIC[®] - ET 500 / 1M

Omnidirectional sound emitter with amplifier TK 150 Mk II for mobile use



The electronic warning sound emitter TYFONIC ET 500 / 1M is a multi purpose alarm unit based on a further development of conventional loudspeaker technology. The result is an omni directional unit with the same sound pressure level in all directions and the high efficiency saves energy. Equipment is mainly used by the police and / or mobile alert.

The new version of amplifier TK 150 MkII, based on the latest digital signal processing and with functionality to save audio files in common wav sound files. Alarm signals can easily be upload by means of the USB connector on the backside. Spoken messages through the connected microphone or from stored audio files, makes information at every occasion rapid. Easy connection to existing power source (12 V) in the vehicle and car roof fastener with magnet sockets at the sound emitter shorten mounting time. The car roof fastener with magnetic sockets is tested at different speeds with a safe margin when your vehicle speed is 80 km/h or lower. Best speech intelligibility of messages is reach when your vehicle has lower speed then 20 km / h.

Sound emitter TYFONIC mobile is available with or without warning lights.

Characteristics



The versatile usable omni directional sound emitter is easily mounted on car roof and held by magnetic socket. Alarm Amplifier TK 150 MkII the mobile version is a refinement of the TK 150 that has been in operation for more than 20 years and with more units sold in 2000.

TK150 MkII is based on the latest technology for digital sound reproduction and enhanced functionality made possible the recording and playback of wav files.

- Pre-programmed alarms, Be Alert, Air raid and All clear
- 2 push buttons for any reproduction, tone or speech
- Spoken messages from the microphone, pre-stored audio files or CDs, MP3 players
- Pushbutton for reduction of sound pressure to approximately 90 dB
- Repetition of broadcast message
- Control of rotating lights
- Compact design and carry handle
- High efficiency and thus low heat
- Monitor Speaker
- Extra security during travel, sound emitter conducted by straps
- Meets the requirements of Directive 72/245/EEC supplementing 2005/83/EC
- Test method and frequency for determining the immunity of ISO 11452-2, 20 - 2000 MHz

Technical characteristics

Mobile Concept



Cable for power supply voltage

With universal plug 12 / 21 mm

Designation

Rating

Sound emitter

ET 500 / 1M

Sound pressure level at 1 m distance

122 dBA

Sound pattern

Omni directional

Frequency

370 Hz

Warning light, colour

Blue

Warning light bulb, power

55 W

Temperature range

-30...+60

Protection class

IP 54

Weight sound emitter w. roof fastener

18 kg

Height with warning light

600 mm

Height without warning light

420 mm

Colour

Nature anodized

Amplifier

TK 150 MkII

Power supply voltage

12 V DC

Current consumption

10 A

Current consumption w. warning light

14 A

Output power

100 W

Efficiency

80%

Pre-programmed alarm signals

Be Alert, Air raid and All clear

Speech memory, total

8 minutes

Connectors

Power supply, sound emitter / light, mic., line and USB

Microphone

Peiker TM 110 TF

Colour

black

Dimensions (W x H x D)

156 x 68 x 220 mm

Weight

2,5 kg

Transport and storage box

Dimensions (W x H x D)

675 x 610 x 440 mm

Weight complete with content.

30 kg

Transport and storage

The cable from sound emitter to be located through a side window of one of the back doors. Related amplifier TK 150 Mk II placed advantageously in the vehicle's passenger seat. Mobile sound emitter is integrated with all necessary details in a practical transport case of plywood, which contains sound emitter, amplifier, cables for power connection and a detailed description.



Designation

Sound emitter ET 500/1M c/w car roof fastener and light
Sound emitter ET 500/1M c/w car roof fastener
Sound emitter ET 500/1M
Amplifier TK 150 Mk II
Power supply cable
Microphone, Peiker TM 110 TF
Transport and storage box
Operating manual

Ref. no.

24530149
24530148
24530063
24580296
20509065
20141010
21768748
KSA666en-SA

Spare parts

Compression element
Cable sound emitter - amplifier
Car roof fastener with magnetic sockets
Warning light, blue, 12 V / 55 W, Bosch RKLE 200B1

Ref. no.

20620025
20509058
24500273
20570050