

TSI compliant electronic Warning Horns



Amplifier unit



TL 80 Push button



Tyfon® Sound emitter

Warning horns

General

The universal amplifier unit is very compact, durable and with high efficiency. Individual adjustable sound pressure levels on all five signals. The warning signals are stored as standard .wav format files. An USB connector inside the box makes it easy to download signals from a standard PC. The amplifier is produced in different voltage variants and various connectors are available.

The TYFON® TW 370 horn incorporates extremely high efficiency compression drivers to produce high sound pressure level with rich sound spectra. Dedicated fastening brackets are available on request for both amplifier and sound emitter. The Warning Horn system is EN 50155 compliant.

Technical description

TYFON Sound Emitter	TW 370/1	TW 370/2
Sound pressure level (at 5 m)	115 dB(A)	120 dB(A)
Frequency	370 and 660 Hz according to TSI	
Temperature range	-40 ~ +70 °C	
Protection class	IP 54	
Cable glands, 1 pc	M20 cable dia 10...14 mm	
Weight sound emitter	5.3 kg	6 ~ 10 kg

TWx 370/yz

—	Cable connector type A = Amphenol G = Cable gland, M20 H = Harting
—	Compression element 1 = one compression element 2 = two compression element
—	Heating element H = equipped with heating element

Example: TW 370/2H

TYFON Sound emitter with 2 compression elements and a Harting connector

Amplifier unit	
Output power	Adjustable up to 250 W
Efficiency	85%
Pre-programmed warning signals	up to 5 tones as wav files
Temperature range	-40 ~ +70 °C
Protection class	IP 66
Material, enclosure	Aluminium
Dimensions (W x H x D)	160 x 285 x 91 mm
Weight	3.3 ~ 4.1 kg

TK 25xy

—	Cable connector type A = Amphenol G = Cable gland, M20 H = Harting
—	Power supply 1 = 24V DC 2 = 110V DC 3 = 37.5V DC

Example: TK 251A

Amplifier unit for 24V DC with an Amphenol connector