



Amplifier

TK 251H/252H

General Description

The TK 251/252 universal amplifier unit is very compact, durable and with high efficiency.

The amplifier has a storage capacity of up to five different customizable warning signals, which are downloaded as standard .wav format files. Individually adjustable gain/sound pressure level settings are possible on all signals.

An internal USB connector makes it easy to download signals and adjust all settings from a standard PC.

Rolling stock compliant:

IEC 61373

EN 50155

EN 50121-3-2

Technical Data

Electrical Characteristics

Operation Voltage	110 VDC (TK 252) 24 VDC (TK 251)
Current, operating	< 3 A (TK 252) < 12 A (TK 251)
Current, standby	< 0,15 A
Maximum output power	250 W
Efficiency	85 %
Reaction time	< 0,1 seconds
Common failure status	Change over relay
Connectors	Harting Han 3A

Environmental Characteristics

Temperature range	-40 ... +70 °C -40 ... +158 °F
Protection class	IP 65
Material , enclosure	Aluminum

Size and weight

Dimensions (W × H × D)	200 × 285 × 110 mm 7,9 × 11,2 × 4,33 "
Weight	~3,9 kg / ~8,6 lbs

Reliability

Operational design life	40 years
MTBF at 40 °C / 104 °F	450 000 h