



# Amplifier

## TK 251/252/253

Designed for rolling stock

### General Description

The TK 251/252/253 universal amplifier unit 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) 37.5 VDC (TK 253)
Current, operating	< 4 A (TK 252) < 16 A (TK 251) < 10 A (TK 253)
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 67
Material, enclosure	Aluminum

#### Size and weight

Dimensions (W × H × D) (not incl. connector & earth screw)	200 × 112 × 260 mm 7.9 × 4.33 × 11.2 "
Weight	~3.9 kg / ~8.6 lbs