

Electronic sound generator ES52/53 **Comax** Signaltechnik

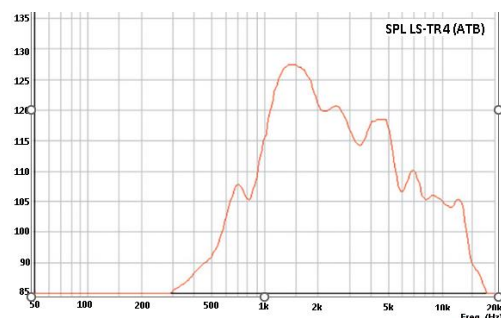
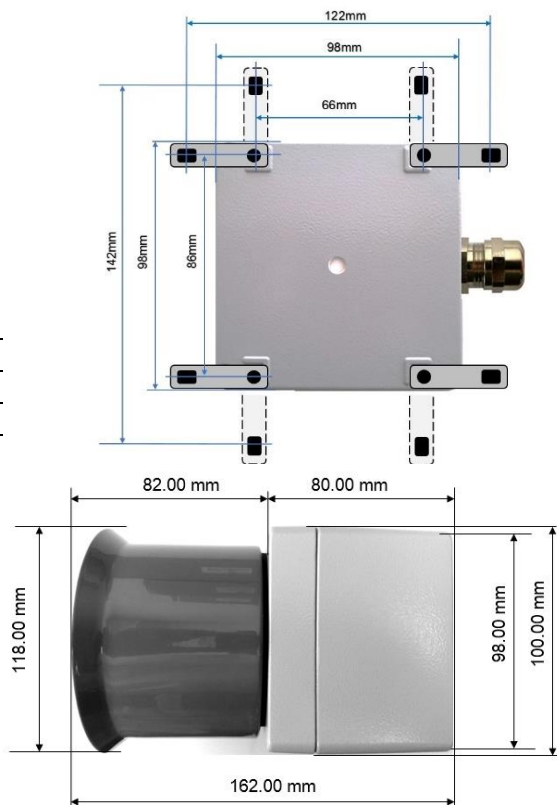
General information

Very powerful, latest generation, heavy duty sound generator. Metal speaker, aluminium housing, vibration and shock resistant, suitable for tropical and cold environments, indoor or outdoor, harsh environments.

User friendly programming through Windows-based software tool with graphical user interface. Flexible programming of customer specific sound-files / ES52 1 tone, ES53 storage capacity up to 14 sound files.

Technical data

Housing	Aluminium, grey RAL7001
Loudspeaker	Aluminium, grey RAL7015
Protection	IP66 according to EN 60529
Cable entry	M16 (optional M20) or customer specific plug
Connection	spring-loaded terminals for cables up to 1,5 mm ² diameter
Programming	Windows-based software tool with UBS interface
Tones	Up to customer specification, ogg-Format
Programmable sound output settings	- Day-time volume - Night-time volume - Tone playback sequence control (ES53) - Play time - Volume increase/decrease at start/end - Repeat mode - others
Nominal tension	24VDC or 230VAC/DC
Sound output	up to 122dB(A) / 1m
Operation	continuous operation
Installation angle	free
Temperature range	-40°C up to +80°C
Humidity	<90%
Weight	approx. 1,35kg (24V) / 1.50kg (230V)
Type approval	EN50155 for railway applications



Article number	Nominal tension	No. of Sounds/output	Current
ES52.024.2	14.4-33.6VDC	1 tone / see SPL chart	max. 1.5A (@24VDC)
ES52.230.7	90-264VAC/120-370VDC	1 tone / see SPL chart	max. 130mA (@230VAC)
ES53.024.2	14.4-33.6VDC	14 tones / see SPL chart	max. 1.5A (@24VDC)
ES53.230.7	90-264VAC/120-370VDC	14 tones / see SPL chart	max. 130mA (@230VAC)

The max. possible volume depends on the respective audio frequency. (LS-TR4 max. 126dB(A) @ 1300...1600Hz)

Options

Loudspeaker	External loudspeaker
Protection	IP69k
Programming	Windows-based tool for customized sound programming
Installation	Fastening lugs set (4 pcs.) L-ES.000.01 Mounting plate stainless steel V4A M-ES.000.01



Technical changes reserved without prior notice