

1007080000

## Light Industrial Master Station



Industrial Intercom

### Description

- ✓ Fully equipped splashproof master station with free access to all extensions and features
- ✓ Flame- and chip-resistant plastic casing. Keyboard foil of UV-cured PVC. Resistant to corrosive fluids
- ✓ Electret microphone and red microphone live lamp
- ✓ Screw terminals for easy connection of installation cables
- ✓ Built-in loudspeaker and possibility to connect an external speaker. Sound level adjustable with a potentiometer inside the station
- ✓ Built-in 10W (8 Ohm) VOX operated power amplifier for external loudspeaker

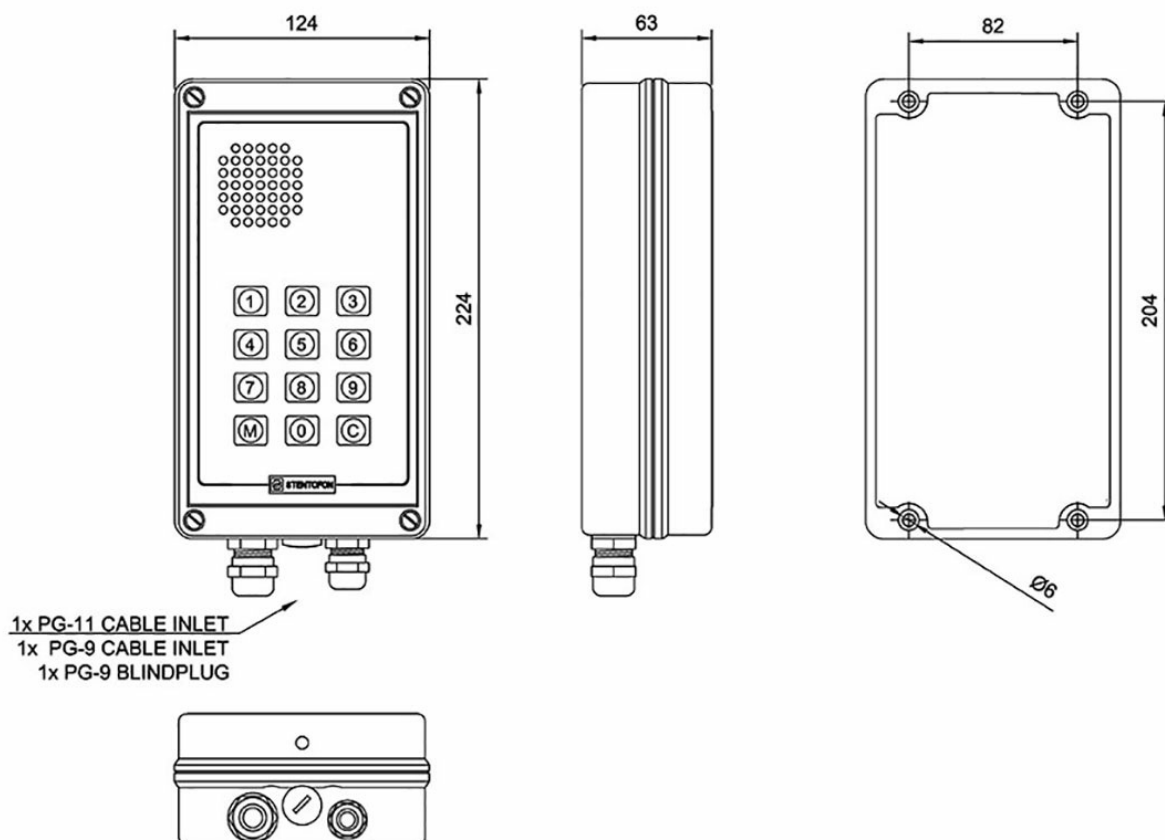
This Industrial Master Station is a splashproof model designed for humid, dirty and outdoor conditions. The station consists of a flame- and chip-resistant casing of durable Bayblend® plastic. The station's front plate - including the keyboard - is made of UV-cured PVC, a material which is resistant to a number of corrosive fluids. The front panel can be removed to allow easy access during installation and service. The station has screw terminals with labels for easy installation. The glands give water- and dustproof connection of the installation cable.

The station's electret microphone automatically adjusts its sensitivity according to the input level, providing undistorted audio in the internal 45 Ohm loudspeaker. The volume is adjustable with potentiometer located inside the casing. An external 20-70 Ohm speaker can be connected or, alternatively, connect an 8-20 Ohm speaker for use with the built-in 10W (8 Ohm) VOX operated power amplifier. The power amplifier requires a separate 12V AC / 2 Amp power supply.

The external speaker must be placed at least one meter away from the station. The station is programmable for permanent private mode and is also prepared for connection of external handset unit.

See also: [additional documentation on wiki.zenitel.com](https://wiki.zenitel.com)

## Technical Dimensions



# Specifications

## MECHANICAL

|                         |                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Order Number            | 1007080000                                                                                                                                     |
| Operating Voltage       | From exchange without power amp. 12V AC / 2 Amp with power amp.                                                                                |
| Cable Requirements      | 2 pair 0.5 mm <sup>2</sup> / 24 AWG twisted telephone cable. + 1 pair 0,8 mm <sup>2</sup> / 20 AWG (to transformer if power amplifier is used) |
| Temperature             | -40oC to +55oC                                                                                                                                 |
| Relative humidity       | 0% - 95%                                                                                                                                       |
| Dimensions: (W x H x D) | 124 mm x 244 mm x 63 mm, 4.9" x 9.5" x 2.5"                                                                                                    |
| Classifications         | IP54                                                                                                                                           |

| ORDER NUMBER             | DESCRIPTION                                                     | SHIP WEIGHT    |
|--------------------------|-----------------------------------------------------------------|----------------|
| 1007080000               |                                                                 | 0.9 kg / 2 lb. |
| Supplementary equipment: |                                                                 |                |
| 3006100088               | VML-1520 Horn Loudspeaker 20 ohm, 15 W                          |                |
| EOTRF 10115              | 220V AC / 12 VAC Mains Transformer (for power amplifier option) | 1 kg / 2.2 lb. |

GENERAL

|                                               |                                                                                                                                                                                                                                                                        |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Finish                                        | Bayblend“ plastic.<br>Keyboard of UV-cured P<br>VC (which is resistant to<br>Ethyl-Alcohol, White Spirit,<br>Alkali, Battery Acid,<br>Methanol, Hydrochloric<br>Acid, Citric Acid,<br>Antifreeze, Insecticide,<br>Cola, Disinfectants, Motor<br>Oil, Detergents, etc.) |
| Sound pressure at 1m<br>from internal speaker | 66 dB (0.5 mm cable x 100<br>m, 8.0V on subscriber<br>board, 1 kHz)                                                                                                                                                                                                    |
| Max. loudspeaker output -<br>external speaker | 1.5W (20 Ohm), 10W (8<br>Ohm) w/power amplifier                                                                                                                                                                                                                        |
| Loudspeaker Impedance                         | 45 Ohm (built-in speaker)<br>20-70 Ohm external<br>(without pow. amp.) 8-20<br>Ohm external (with power<br>amp.)                                                                                                                                                       |
| Frequency Range                               | 500-5000 Hz ( $\pm$ 8 dB)                                                                                                                                                                                                                                              |
| Mic. Impedance for<br>external handset        | 200 - 600 Ohm                                                                                                                                                                                                                                                          |
| Connector Type                                | Screw terminals                                                                                                                                                                                                                                                        |
| Gland Diameter                                | 1 x PG9, 1 x PG11                                                                                                                                                                                                                                                      |
| Indicator                                     | LED (red)                                                                                                                                                                                                                                                              |

Accessories



VMP-36-PEL-A

Headset with boom mic,  
headband, and 10m cable for  
VMP Station



VMP-36-PEL-A/15

Headset with boom mic,  
headband, and 15m cable for  
VMP Station



VMP-36-PEL-A/20

Headset with boom mic,  
headband, and 20m cable for  
VMP Station



VMP-36-PELP-A

Headset with boom mic,  
headband, and 10m cable



CD-7-VMP

Plugbox Waterproof for VMP-36-PELP



VMP-211

Wall Mounted Handset



VMP-250

Wall Mounted Handset Waterproof



VML-1520

Horn Loudspeaker 15W, 20 OHM Waterproof



EHS-240

Rotary Light 24V DC, Orange



EHS-220O

Rotary Light 220VAC



Model-A

Telephone Booth



IRR-3

Relay Box