

Heavy Duty Industrial Substation

Features

- Programmable call button, simplex and cancel buttons
- Rugged waterproof and dustproof casing of orange silumin (aluminium alloy)
- Noise cancelling dynamic microphone along with red microphone live lamp
- Built-in loudspeaker and possibility to connect an external loudspeaker. Sound level adjustable with a potentiometer inside the station
- Built-in 10W (8 Ohm) VOX operated power amplifier for external loudspeaker
- Screw terminals for easy connection of installation cables
- Freely programmable extension number

Description

This Heavy Duty Industrial Substation is a waterproof model designed for humid, dirty and outdoor conditions. It can operate in an ambient temperature range from -20°C to +50°C (-4°F to +122°F). The station consists of a rugged waterproof and dustproof casing (IP65) of orange silumin. The front panel is hinged to the back casing to allow easy access during installation and service. The station has screw terminals with labels and the three glands give waterproof and dustproof connection of installation cable and loudspeaker wires.

The station is equipped with a noise cancelling microphone as well as a 20 Ohm loudspeaker. The volume is adjustable with a 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 an external handset unit.

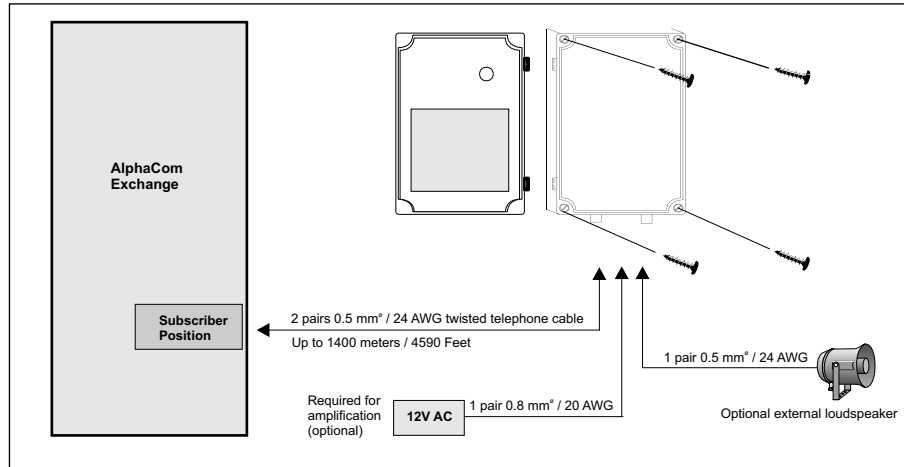


Specification

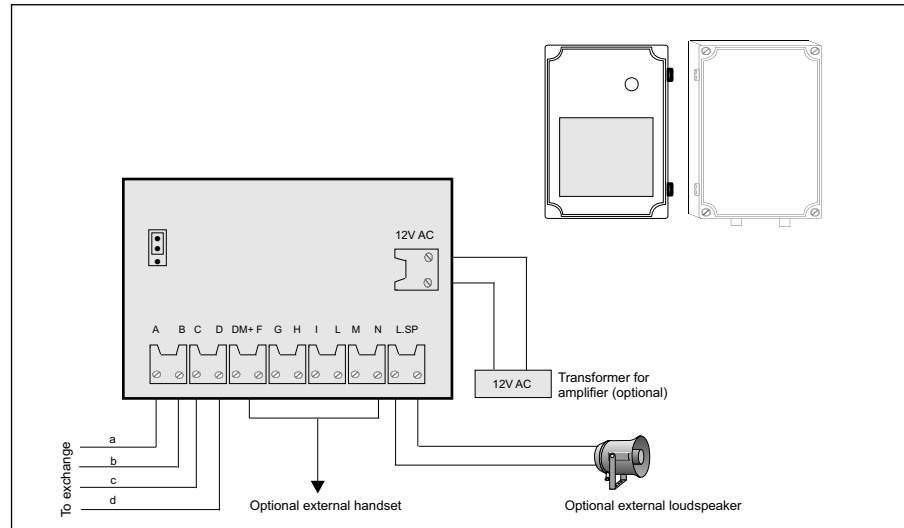
Operating voltage: amp.	From exchange without power 12V AC / 2 Amp. with power amp.
Cable requirements:	2 pair 0.5 mm ² / 24 AWG twisted telephone cable. + 1 pair 0.8 mm ² / 20 AWG (to transformer if power amplifier is used)
Temperature range:	-20°C to +50°C, -4°F to +122°F
Humidity Range (non-condensing):	10% - 85 % RH
Dimensions:	160 mm W x 260 mm H x 92 mm D 6.24" x 10.14" x 3.59"
Classifications:	IP 65
Finish:	Silumin (aluminium alloy) Orange RAL 2004 paint
Sound pressure at 1 m from internal speaker:	72 dB (0.5 mm cable x 100 m, 8.0V on subscriber board, 1 kHz)
Max. loudspeaker output - external speaker:	1.5W (20 Ohm) 10W (8 Ohm) w/power amplifier
Loudspeaker impedance:	20 ohm (internal speaker) 20-70 Ohm external (without power amp) 8-20 Ohm external (with power amp.)
Frequency range:	500 - 5000 Hz (+/- 8 dB)
Mic. impedance for external handset:	200 - 600 ohm
Connector type:	Screw terminals
Gland diameter:	3 x PG9
Indicator:	LED (red)

Heavy Duty Industrial Substation

Installation



Wiring



Ordering information

Order Number	Description	Ship Weight metric/imperia
100 7083 000	Heavy Duty Industrial Substation (IP65)	3.3 kg/7 lb. 4 oz

Accessories:

HP-15	Horn Loudspeaker, 15 W/8 Ohm, IP-56	1.7 kg/3.7 lb
VML-1520	Horn Loudspeaker, 15 W/20 Ohm, IP-66	1.4 kg/3 lb
VMP-211	Wall Mount Handset Unit (with PTT key), IP-44	0.9 kg/2 lb
VMP-250	Wall Mount Handset Unit (with PTT key), IP-65	0.9 kg/2 lb
EOTRF 10115	220 V AC/12 V AC Mains Transformer (for power amplifier option)	1.4 kg/3 lb



ZENITEL NORWAY AS
www.zenitel.biz
info.css.norway@zenitel.biz

