



Heavy Duty Industrial Master Station

Explosionproof ATEX EEx d IIB T6

Model 30690451

Features

- Heavy duty industrial master station designed for Stentofon AlphaCom exchange
- Full access to all features in the AlphaCom
- Built-in loudspeaker
- Rugged waterproof and dustproof casing of cast aluminium
- Anticorrosion protection by anodic oxidation and orange epoxy painting
- Extra large robust keys
- Protected electret microphone
- Adjustable loudspeaker volume inside the station
- Screw terminals for easy connection of installation cables

Description

This heavy industrial master station is an explosion and waterproof model designed for humid, dirty and outdoor conditions as well as explosion hazardous areas zone 1. The unit can operate in an ambient temperature range from -30°C to 50°C . The station consists of a rugged waterproof and dustproof casing (IP65) of orange aluminium. The front panel is hinged to the back casing to allow easy access during installation and service. The station has screw terminals and a cable gland entry ensuring easy installation.

The station is tested according to ATEX regulations and is approved with Ex II 2G EEx d IIB T6. It meets the following types of protection: flameproof enclosure.

The station is equipped with an electret microphone that provides clear communication. The unit has a built-in loudspeaker. Both the loudspeaker volume and the microphone sensitivity can be adjusted with potentiometer inside the station.



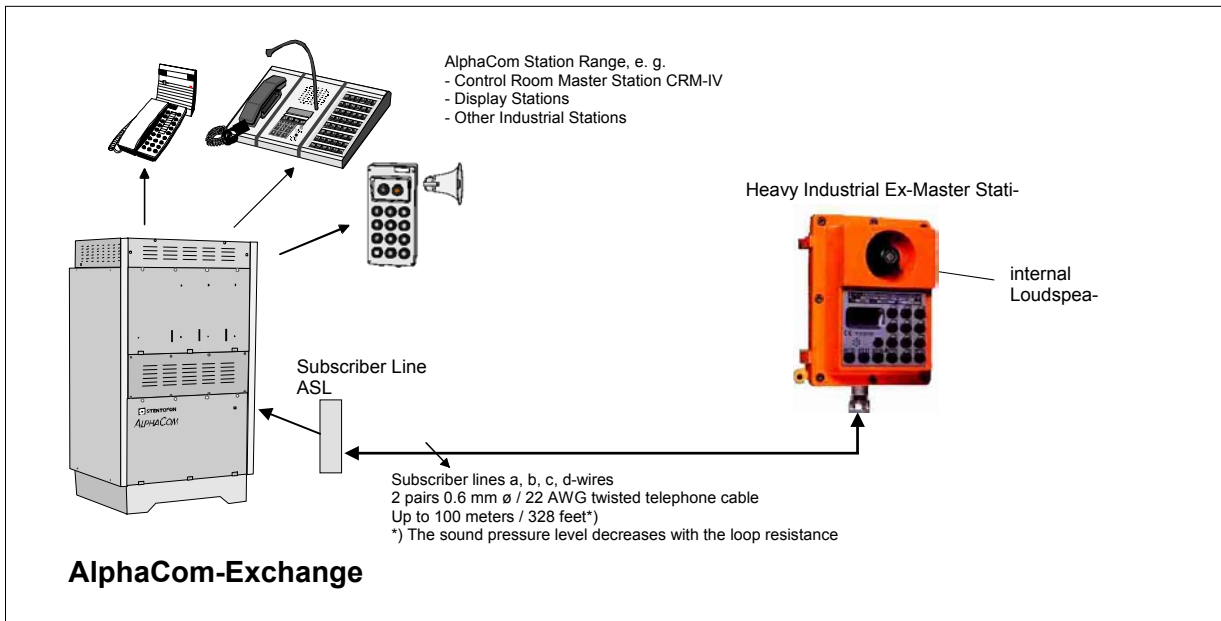
Specifications

Ordering Number:	30 6904 51
Operating voltage	From exchange
Cable requirements:	2 pair 0,6 mm ² twisted telephone cable
Temperature range:	-30°C to $+50^{\circ}\text{C}$
Humidity range:	10% - 85% RH (non condensing)
Dimensions (W x H x D):	210 x 300 x 190 mm
Classification:	IP 65
Finish:	Light Alloy protected by Epoxy Paint (orange)
Loudspeaker:	Built-in hornspeaker (1.5 watts)
Frequency range:	500 – 4000 Hz (+/- 8 dB)
Microphone:	Protected built-in electret microphone
Cable gland:	1 cable gland for cable diameter 5 – 12 mm

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Model 690451

Installation overview:



Two pairs of a twisted telephone cable (0,6 mm^ø / 22 AWG) are required between the exchange and the station, which can be positioned up to 100 meters / 328 feet away from the exchange (maximum 24 Ohm loop resistance). Longer distances are possible with heavier wires.

Station Operation

The station is handled like any other intercom station in the AlphaCom system. It has access to all extensions as well as to all feature in the AlphaCom system. Though, it is possible to restrict the access to unwanted extensions or features by means of programming the exchange.

A conversation is established by dialling the directory number of the desired station. An acoustic confirmation of operating the call key is given.

The conversation can be held in speech controlled duplex or is manually controlled (either by the calling or the called subscriber) by using the A-key. The conversation is cancelled by using the B-key (either by the calling or the called subscriber).

Order Number	Description	Ship Weight metric/imperial
30 6904 51	Heavy Duty Industrial Master Station	7.8 kg / 17.2 lb



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