



Alphaconnect P411 Flush mounted communication station

Fully DNV type approved, the ultimate full featured flush mounted telephone for bridge consoles. Display, keyboard with dimmable red backlight, 10W amplifier for loud and clear voice, digital processed hands-free speaking, single key calls for easy calling of ECR and ER. Connections for handset, headset, gooseneck microphone, external speaker and rotary light. Protection class IP22.

Description

The P411 is a flush mounted telephone for wheelhouse console and engine room consoles. It can be hands-free operated, and the hands-free function is implemented using a unique digital signal processing technology.

It can be used for all PABX systems using plain analogue extension lines, but in conjunction with the AlphaConnect 48 / 128 systems, all the unique features are enabled.

The display and keyboard have a red backlight with an automatic dimmer function sensing the ambient light level. The keyboard has a minimum number of keys that allows for single key calls to often used spaces such as ECR, ECR, EMGR, STGR etc.

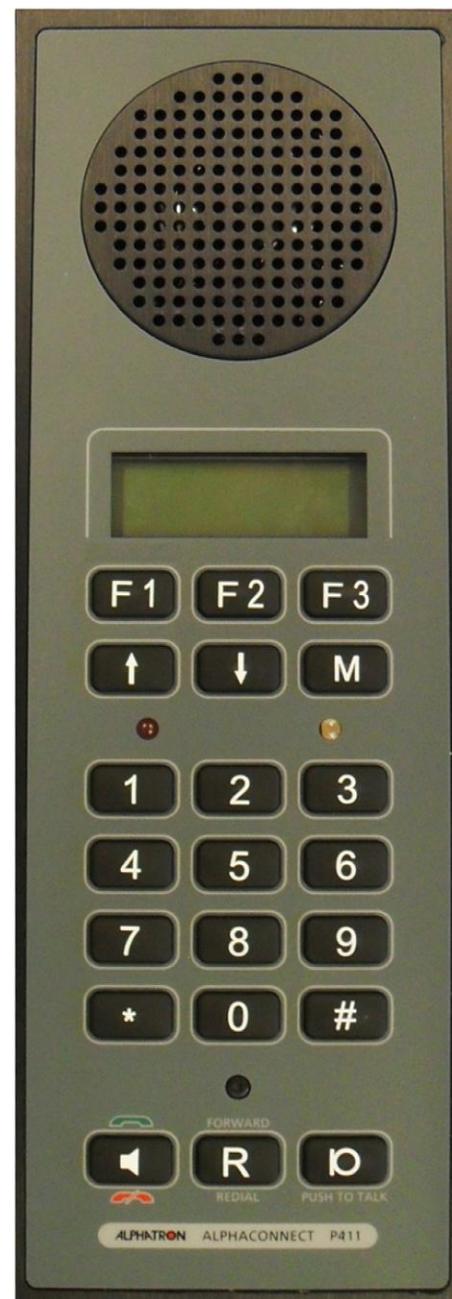
The telephone allows for direct calls, where communication can be established without any hands on by the called party. When used with the AlphaConnect 48 / 128 systems, the telephone receives public address calls and alarm calls.

An optional handset can be connected for low-speaking conversations, and when the telephone is used in noisy areas, a headset with boom microphone and external PTT can be handled. An external hook/PTT input allows for using a foot operated switch to answer calls.

A 10W amplifier drives an external speaker or loudhailer giving more than 110dB loud and clear sound pressure.

A relay contact-set is available for driving rotary lights and horns. The P411 has a protection class IP22, operating from -20 to 70 degrees C, and conforms to the IEC60945 standard for maritime equipment.

The P411 is powered from 24V DC which is galvanic isolated, as is the 0-24V dimmer input.



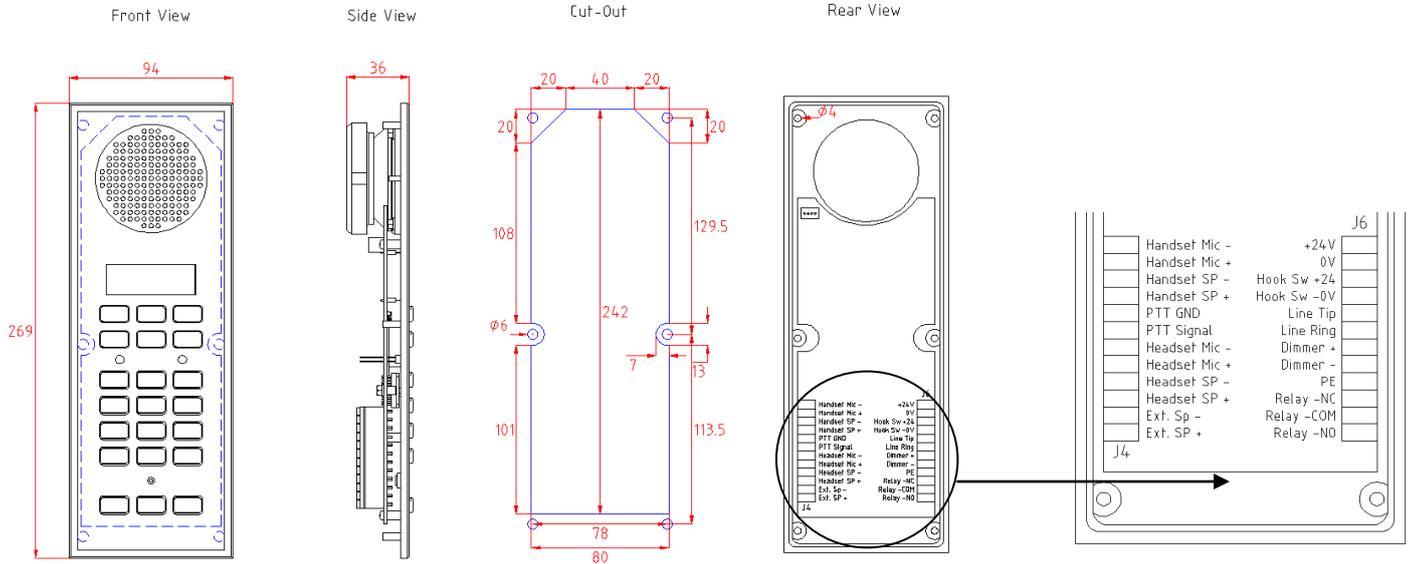
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Dimensional drawings and connections



Specifications

Power	18-32V DC
Power consumption	max 15W
Operating temperature	-20—70 dgs C
Protection class	IP22
Telephone line	48V DC, 60V AC ring
Caller number identification	FSK
Relay output	1A@30V, 250mA@230V
Sound pressure	> 85 dB 1m

Optional handset

