

## High-Tec robust weatherproof telephone set, IP66

### Display

### Handset and handsfree operation

#### The most important performance features

- , Protection IP 66
- , Impact protection IK 09
- , Operations temperature - 25°C to + 60°C
- , Stainless steel (V4A) keypad
- , Steel armoured handset cord with snap-protection
- , Sound pressure level approx. 95 dB(A)
- , Receiver volume can be boosted in 7 steps from 0 - 12 dB(A)
- , Integrated adjustable stabilizer bracket
- , Connections for external loudspeaker
- , Handsfree operation

#### Options

- , Headset accessories
- , Additional earpiece
- , External Loudspeaker



## TAS21

### WEATHERPROOF TELEPHONE SET



#### Display

The two uppermost lines display the number or the menu settings.  
The lower line displays pictograms that correspond to the functions.

#### Function keys

Using these keys you may alter settings directly or make permanent changes to settings in the menu.

#### Loudspeaker button

This button switches the loudspeaker or the handsfree operation feature on/off.

#### Disconnect key

Disconnect a call using this key.

#### Last number redial

Use this key to redial any one of the last dialed numbers.

#### Inquiry key

With this key the functions of the PABX will be activated (flash).

#### Handsfree operation

#### Number key

Use these keys to enter telephone numbers or texts.



## Applications

**TAS21** means: making telephone calls in rugged ambient conditions with the best functional security in industrial areas.

Our telephone is completely resistant to seawater, acid, lye and lubricants.

The compression-molded housing made of GRP (Glass-fibre-reinforced polyester) is impact protected.

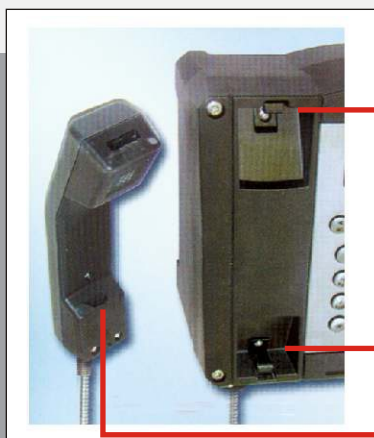
The stainless steel keypad (V4A) with stands high loads and at the same time protects the inner parts of the telephone.

The steel armoured handset cord is manufactured to withstand high tensile forces.

With its interesting additional features and options our **TAS21** opens many possibilities with regard to your special applications.

From the beginning our **TAS21** user interface is simple, user friendly and menu driven.

Under all circumstances and in all situations, even when using working gloves.



### Stablizer bracket

integrated  
and adjustable

### Noise suppression

integrated mouth-  
piece horn mouth



### Version without keypad

Emergency telephone -  
connects directly to the  
main PABX.



### Headset

for weatherproof telephone TAS21



### Additional earpiece

for weatherproof telephone TAS21



### Loudspeaker set

for weatherproof telephone TAS21  
to be used either as a secondary telephone  
signal or as an additional loudspeaker to optimize  
the handsfree operation.

## Technical specifications

### Connections

Line voltage	24 Vac to 66 Vdc
Line current	15 mAdc, to 100 mAdc
Ringing alternative current	24 Vac to 90 Vac (at 21 ... 54 Hz ringing frequency) 30 Vac to 90 Vac (at 16.6 ... 54 Hz ringing frequency)
Ringing impedance	Greater than 6,0 Kohm at 25 Hz and 24...90 Vac Greater than 4.0 Kohm at 50 Hz and 24...90 Vac
Recall function	Flash function adjustable from 40ms to 399ms
Dialing frequency	PD-DTMF operation to be set in the menu DTMF operation according to the CCITT recommendation Q.23. PD operation where the pulse/pause ratio can be set to 1,5:1 or 2:1 in the menu
W-conductor	Connection for external secondary sounder
Screw terminals	Up to 4 mm <sup>2</sup> rigid. Up to 2.5 mm <sup>2</sup> flexible

### Housing

Material	Glass-fibre-reinforced polyester
Height x Width x Depth	approx. 266 x 227 x 135 mm
Weight	approx. 5.5 kg
Display	2 line alphanumerical display with pictograms Visible area approx. 78 mm x 26 mm.
Keypad	Metal keypad with ice protection. 21 keys with ABC lettering for name entries


### Receiver

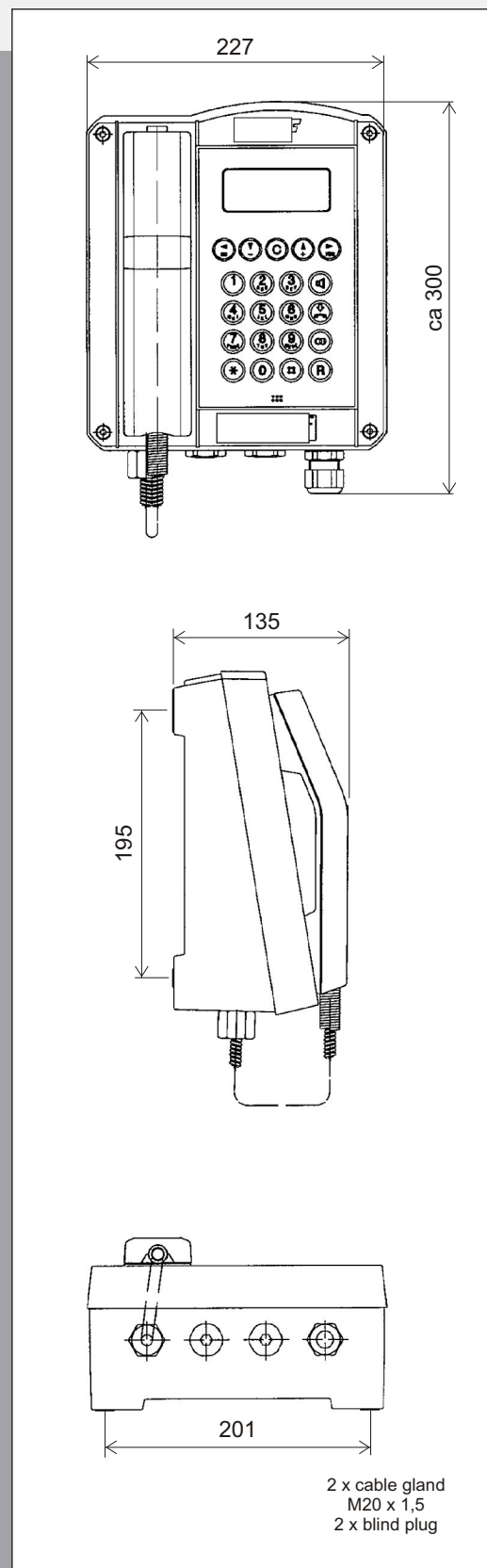
Stabilizer bracket	Integrated, adjustable stabilizer bracket
Handset cord	Stainless steel (V4A) armoured handset cord
Receiver inset	Dynamic receiver inset with leakage field spool for inductive coupling of hearing aids
Mouthpiece	Electret-foil microphone
Noise suppression	Greater than 3 dB due to integrated mouthpiece horn mouth

### Environmental conditions

Degree of protection	IP 66 according to EN60529 Impact protection IK 09 according to EN50102
Operation temperature:	-25°C to +60°C
Storage temperature:	-25°C to +70°C

### Further characteristics

Optical call signaling	Display shows (((  )))
Ringing sound pressure level	approx. 95 dB(A) at 1 m distance
Ringing melodies	10 melodies selectable
Listen by Loudspeaker	Maximum sound pressure level approx. 70 dB(A) at 1 m distance.
Handsfree	Maximum sound pressure level approx. 70 dB(A) at 1 m distance.
Amplified listening in receiver	Receiver volume can be boosted in 7 steps from 0 - 12 dB(A).
Menus	German and English.
Telephone book	Max. 50 entries (names and numbers)



Model list	code
Weatherproof telephone TAS21	7137111