



Weatherproof Telephone FernTel 2

**Analogue desk/wall telephone
 for indoor and outdoor use**

- ▶ Protection degree IP 66
- ▶ Handset can be fixed
- ▶ Ambient temperature -25° C to +55° C
- ▶ Call tone ≥ 96 dB(A), 1 m
- ▶ Two-stage receive-amplification 6 dB/ 12 dB

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Application

The new FernTel 2 telephone from FHF is as stylish for indoor use as it is resistant for outdoor use in areas without explosive atmospheres. Its modern design is the perfect "packing" for the finest high-tech. Its striking signal-yellow colour ensures the FernTel 2 cannot be missed whenever a telephone is urgently needed, e.g. in emergencies in poor weather and light conditions. The FernTel 2 is suitable for almost universal use thanks to its amazing transformability.

A deft hand movement and the desk telephone for indoor use is converted into a wall telephone for outside use. Equipped with 16 keys, freely programmable and functionally reliable in every weather, the new FernTel 2 is the ideal telephone for many different work areas – seawater, high air humidity, dust

and not exactly gentle mechanical stress are no problem for it.

The signal-yellow, stylish housing is made of impact-resistant and shockproof plastic moulding. Even acids, alkalis or lubricants cannot damage the high-quality components of our new versatile desk/wall telephone.

Use as workshop telephone

The new FernTel 2 is the ideal telephone for many different work areas.



Technical specifications

Connection data

Call frequency	D = 23 to 54 Hz GB = 16.67 to 54 Hz
Input impedance	$\geq 6.5 \text{ k}\Omega$ at 25 Hz $\geq 3.5 \text{ k}\Omega$ at 50 Hz
Earth function	La against earth
Dialling frequency	10 Hz
Pulse-break ratio	D = 1,5 : 1 60/40 ms GB = 2 : 1 66.7/33.3 ms
DTMF	According to CCITT Q23
Flash time	Approx. 80 ms / 110 ms / 250 ms, programmable
Line voltage	24 to 66 VDC

Housing

Height x width x depth	Approx. 270 x 200 x 138 mm
Weight	Approx. 1.6 kg
Display	16-character, character height 11 mm, pictograms
Operating position	Desktop or vertical wall mounting

Handset

Transmitter capsule	Electret microphone
Receiver capsule	Dynamic capsule with field

Connections

Wire up to 0.25 mm²

Incoming telephone line	D = La/Lb GB = B/A
Secondary bell	D = W/W1 GB = Bell shunt

Signalling to a branch exchange (earth)	D = E GB = Earth
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Loudspeaker	Fixed connected
Handset	Modular plug-in system

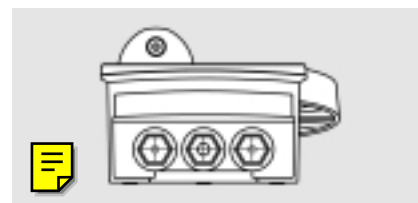
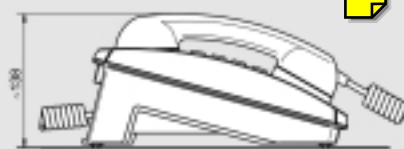
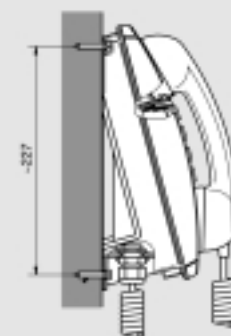
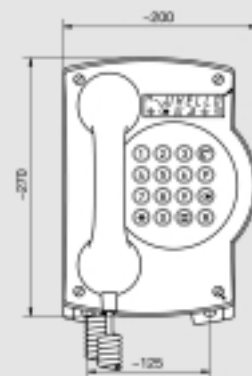
Ambient conditions

Without LCD

Operating temperature	-25° C to +60° C
Transport and storage temperature	-25° C to +70° C
Protection degree	IP 66

Approval

Deutsche Telekom D 800995L
BABT/99/7014
Approval No. 610184



1 cable gland handset
1 cable gland M 20 x 1.5
1 blind plug M 20 x 1.5

Order information

Type	Name	Version	Loop current	Call voltage	Article no.
WTS 100	Desk/Wall Telephone	Without display D	19 to 60 mA	30 to 75 VAC	112 700 01
WTS 100	Desk/Wall Telephone	With display D	19 to 60 mA	30 to 75 VAC	112 710 01
WTS 100	Desk/Wall Telephone	Without display D with flexible steel armoured cord	19 to 60 mA	30 to 75 VAC	112 720 01
WTS 100	Desk/Wall Telephone	With display D with flexible steel armoured cord	19 to 60 mA	30 to 75 VAC	112 730 01
WTS 100	Desk/Wall Telephone	Without display GB	20 to 100 mA	30 to 90 VAC	112 700 21
WTS 100	Desk/Wall Telephone	With display GB	20 to 100 mA	30 to 90 VAC	112 710 21
WTS 100	Desk/Wall Telephone	Without display GB with flexible steel armoured cord	20 to 100 mA	30 to 90 VAC	112 720 21
WTS 100	Desk/Wall Telephone	With display GB with flexible steel armoured cord	20 to 100 mA	30 to 90 VAC	112 730 21

