



EXPLORER™ Bluetooth Handset for Thrane & Thrane A/S

Bluetooth CTP Handset



General Features

Cordless Telephone based on Bluetooth Technology
Compliant to Bluetooth Version 1.1
Bluetooth Class 1 Radio for extended range
Intuitive MMI based on a WAP Browser
Supports 6 languages
Supports "R"-button for control of additional features in the access point

Profiles

Cordless Telephony Profile (CTP)
Generic Access Profile (GAP)

Power Supply

Battery pack: 3.7V Li-Ion battery with a capacity of 950 mAh.
Mounted and mechanically fixed to the battery compartment within the handset's cover.

Characteristics:
Technology: Li-Ion
Maximum charging time: 4 hours
Continuous talk time: 11 hours
Standby: 40 hours
Switched off mode: 250 hours
Minimum lifetime cycles: 500
Minimum battery lifetime: 4 years
Overcharging prevention

RF

Operating frequency range: 2402 – 2480 MHz
Type of modulation: FHSS modulation
Number of channels: 79
Channel separation: 1 MHz

Output power +16,5 dBm +/- 1dBm
Receiver sensitivity -77 - -82 dBm

This power and sensitivity is Bluetooth certified!
Range of use outdoor 100 meters with free sight.

Keypad

Separate on hook key

Separate off hook key

Keys 0-9, * and #

2 softkeys

Navigation Rocker: The navigation rocker can be pushed up and down to navigate and can be pressed to make a selection or confirmation.

Emergency button

Display

11520 pixels (120*96)

Display illumination colour: blue

Mechanical dimensions: 27*24mm

Contrast: fixed

Environmental

-5°C - +45°C Operation Temperature Range

-25°C - +55°C storage/transportation conditions

-25°C - +60°C storage/transportation conditions (low humidity, slow change of temperature)

IP65 Water and Dust Resistance

Up to 93% Humidity

Mechanical

Dimensions approx. 137x46x21(mm)

Weight (with battery pack) approx. <100g

Rubber outline

Plug on top right side of the handset used as charger interface

Bottom charger contacts for optional charger cradle

Vibrator alarm