Burnside Fixed Cellular Terminals
Model T400FX

Performance with flexibility

Our latest terminal provides GSM voice communications within coverage of a cellular wireless network.
With its excellent voice quality, affordability, compact size, the Burnside T400FX is designed to operate in a wide range of installation environments. Four supplied NiMH AA cells provide uninterruptible service for over 50 hours standby and up to 5 hours talk-time in the event of a mains power failure.

T400FX Main Features

- High performance, high quality configurable fixed cellular terminal
- Dual band GSM for EU voice calls
- Efficient antenna supplied
- Call progress announcements (CPA)
- CLI (Caller Display) information forwarded to a connected telephone
- Can be configured by dial codes or remotely by SMS
- Built-in battery backup using high quality Panasonic NiMH AA cells
- Long life battery technology .
- Easy and quick to install
- Wall mountable
- Energy efficient design for low running cost
- SMS reporting of terminal status
- Programmable configuration for regional tone compatibility
- Designed for long service life and product safety
- SMA connector for connecting supplied high performance antenna

Typical T400FX Applications

Anyone wanting to connect a standard telephone to the mobile phone network.
Telecare and domestic alarms
Mobile Network Operators
Remote communications
Facilities management
Exhibitions and events

Burnside Telecom is a UK designer and manufacturer of innovative fixed cellular terminals, wall mounted mobile phones and help points. Our products are currently used in 19 countries across the globe by customers including multinational companies, mobile network operators, government departments, local authorities and security services.

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Model T400FX - Technical Data

BURNSIDE
landline alternatives

T400FX Specifications

Feature	Description
GSM Bands	Dual-band GSM phase 2/2+ 900/1900 MHz
Speech Communication	Codec for HR, FR, EFR and AMR EFR & FR may be selected for Telecare applications
Configuration	May be programmed by dial codes and SMS commands: Automatic one-number dial Various call control options including call duration limit
In-call Features	Recall (flash hook) with keycodes supports call waiting, multi-party calls and explicit call transfer
Telephone Interface (FXS)	Connector: RJ11 or BT431A socket (depending on model) Any type of corded or cordless touch tone DTMF phone DC loop current 25mA (20mA or 30mA, selectable) Ringing Signal 25Hz sinusoidal 43V RMS Choice of call progress tone cadences Ringing load 3 REN CLI sent to phone with time and date: UK, ETSI and Bellcore
Indicators	3 x LEDs: Battery Charging, Battery Low, Searching, PIN, Weak Signal, Incoming Call, Call in Progress, Fault
External antenna port	Connector: 50 ohm SMA male
Antenna (supplied)	High performance compact hinged.
Power	12VDC via 2.1mm barrel connector Standby: 0.1W, In call: 1.9W average Supplied AC adaptor 100 - 240VAC 50-60Hz
Battery Backup	Four NiMH rechargeable AA cells Over 50 hours standby or up to 5 hours talk-time
Case	Wall mountable ABS UL V0 Dimensions: 141 x 91 x 40mm, Boxed: 173 x 104 x 100mm
Weight	Unit standalone : 325g / Boxed: 615g
Temperature Range	Normal Operation: -20°C to +40°C Charging: 0°C to +40°C, Storage: -40°C to +55°C
Approvals	CE, local approvals, RoHS, Reach & WEEE

NOTE: Detailed User Guides can be downloaded from the Burnside Web site.

Rear of UK version

Standard T400FX Kit Versions

Part No.	Description and kit contents
722181	T400FX UK Terminal pack Containing: 1 x 328036 FCT 1 x 268029 Antenna 4 x Panasonic NiMH AA cells 1 x 778017 UK AC Adapter 1 x Quick start guide
722182	T400FX EU Terminal pack Containing: 1 x 328037 FCT 1 x 268029 Antenna 4 x Panasonic NiMH AA cells 1 x 778018 EU AC Adapter 1 x Quick start guide

Supplied by:

E&OE. Specifications and options subject to change without notice.

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