

Burnside T350/390 Fixed Cellular Terminals

- Dual band GSM/GPRS—phone, SMS & Internet
- Low cost entry level FCT
- Compact desktop or wall mountable
- Superior voice quality
- Very low power consumption
- External antenna—works in areas where handhelds don't work
- USB port provides Internet access and means to upgrade firmware
- Sends CLI and time and date to attached phone
- Cable lock attachment prevents theft
- Reduced radiation risk
- Designed and made in the UK



Low cost Outstanding Voice Quality

The Burnside T350/390 is the first model in a new range of entry level fixed wireless terminals. These terminals provide instant access to voice & data communications in any location within the GSM cellular wireless network without the delay and expense associated with connection to landline networks. All that is required is the insertion of an ordinary mobile phone to start using the terminal.

Very low cost, superior voice quality, compact size and extremely low power consumption make these new terminals the ideal choice for the Telco and mobile network operator.

All models have a USB data interface for Internet access, email and PC fax. Firmware can also be updated via USB.

An internal lithium polymer battery provides uninterruptible service in the event of mains power failure. These terminals can be desk or wall mounted and can be secured by cable lock to prevent theft. Unlike handheld mobile phones the T300 series provide an easier to use, shareable and permanent resource..

About Burnside

Burnside Telecom is a designer and manufacturer of innovative fixed cellular terminals, desktop and wall mounted mobile phones and modems for voice, SMS text, Internet and e-mail access.

Its products are now in use in 19 countries throughout the world. Customers include mobile network operators, government departments, local authorities, police and multinational companies.

T350/390 FCT Specification

Parameter	Specification
GSM bands	Dual band 900/1800 Mhz
Data	T350 CSD up to 14.4 kbits/s; T390 GPRS up to 86kbits/s; USB 2
Antenna	Antenna: 1/4 Wave 90° articulated stub Connector: 50ohm SMA Female
Telephone	Connector: RJ11 (UK kits include BT plug adapter) Any type of corded or cordless touch tone DTMF phone DC loop current 25mA Ringing Signal 25Hz trapezoidal 40V RMS. Choice of 5 cadences Volume Control Ringing load 3 REN CLI sent to phone with time and date: ETSI/UK, ETSI DTMF, Bellcore Call control: Line Reversal, Loop Disconnect. Progress Tones Echo Cancellation & Noise Reduction
Speech	HR, FR, EFR codec; hands free; echo cancellation
	Call waiting, in call dialling and conference calls
	Recall enable and disable
	Triple-rate codec for HR, FR and EFR
	Basic hands free operation
SMS	Point to point MO and ATSMS Cell BroadcastText and PDU Mode
AC Power	Voltage: 100 - 240VAC 50-60Hz Standby:80mW Type: Switch mode UK, European or US snap on plugs
Battery Backup	Internal and exchangeable Lithium Polymer 3.7VDC 1100mAH Standby time: 72 hours; Talk time: 2 hours
Indicators	3 x LEDs Battery Charging, Battery Low, Searching, PIN, PUK, Weak Signal, Incoming Call, Call in Progress, Fault
Temperature Range	Normal Operation: -20°C to +35°C Switch off: +40°C Storage: -40°C to +55°C
Dimensions	Unboxed: 125 x 165 x 35mm Boxed: 200 x 140 x 80mm
Weight total	Unboxed: 411g Boxed: 519g
Case:	Top cover removable to access battery and SIM
Security	Kensington type cable lock aperture
Approvals	R&TTE, GCF, CE, Local and network operator certified Siemens Wireless Module
Compliance	RoHS & WEEE

T350/390 FCT Series Kit Contents

Part No	Description
722022	T350 UK Pack incl UK AC adapter, BT plug converter, stub aerial and user guide
722023	T390 Euro Pack incl EU AC adapter, BT plug converter, stub aerial and user guide

T350/390 FCT Accessories & Options

Item	Description	Image
268007	Ominidirectional Dual Band Stub Antenna	
268011	Magnetic base omindirectional antenna 2m cable	
268005	Quadband Marine Antenna. VSWR: <1.5:1 Height: 0.15m RG58 FME-F requires part 225008	
268002	890-960Mhz YAGI 10m RG58 FME-F requires part 225008	
268003	1710-1880 Mhz YAGI 10m RG58 FME-F requires part 225008	
778014	DC-DC Converter Input 9-30VDC	
225008	SMA to FME M Adapter	
778010	UK AC Adapter	
778009	EU AC Adapter	



T350 wall mounted with cover inverted

Burnside Telecom Ltd
Burnside House
Isington
ALTON
GU34 4PP, UK
Tel: +44 (0)8 700 762 766
Tel/Fax: +44 (0)1 420 520 029
Email: info@burnsidetelecom.com
Web: www.burnsidetelecom.com

Supplied by: