

FIXED CELLULAR TERMINAL

## Nexo FCT

Possible communication  
where it's impossible.



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**NEXO**<sup>®</sup>  
nos comunica mejor

# FIXED CELLULAR TERMINAL



**FCT** GSM by  **MOTOROLA**

**Possible communication  
where it's impossible.**



## ❖ ADVANTAGES

**Turns a cellular line into a fixed line, using advanced technology for voice and data communication through a Motorola module.**

**Supports services such as:**

- GSM 850/1900 & 900/1800 Mhz
- Voice communication
- Caller ID
- Polarity reversal
- Internet connection and data transmission (GPRS, CSD, SMS, digital Fax) through serial or USB port.
- Leds signaling:
  - Signal level
  - Power source/battery
  - Voice/data.

## ❖ TECHNICAL SPECIFICATIONS

### Connectors:

RJ11 for telephone line.  
USB for PC Internet connection.  
DB9 (RS232) for PC Internet connection.  
Jack for power source.  
Antenna.  
SIM card.

### Signaling:

1 Led for external source/battery.  
1 Led for "in use" telephone line/internet.  
2 leds for signal level/registry.

### Firmware:

DTMF program of this functions:

- Card PIN.
- Equipment lock code.
- Flash time.
- Dial end time.
- Voice/data mode exchange.

## ❖ TELEPHONE LINE TECHNICAL FEATURES

Voltage:  $\geq 30$  V.  
Loop current: 25 mA.  
AC impedance: 600 ohm.  
AC levels: -4 dB / -6 dB.  
Ring voltage:  $\geq 35$  Vrms.  
Signaling: line reversal.  
Dial mode: DTMF.  
Dial tone: 440 Hz.  
Technology: GSM 850/1900 MHz or 900/1800 MHz.  
Power source: 12 VCC.  
Max. Consumption: 1 A.  
Battery: 6 NiMh AAA pack.  
Battery Charger: internal.  
Charge current: 120 mA.  
Charge cut: software controlled max. voltage.  
Consumption limit: power cut off on low battery voltage.

