



LST-280R: Fixed Wireless Terminals

LG LST-280R is Fixed Wireless Terminal has been designed to operate on the latest digital mobile communication technology CDMA 2000 1X.



Main Unit

ITEM	DESCRIPTION
Tx Frequency	824 ~ 849 MHz
Rx Frequency	869 ~ 894 MHz
Channel Bandwidth	1.25 MHz
Frequency Stability	± 300 Hz
Tx Power	Max 0.25W
Rx Power Level	-104 ~ .25dBm
Size	139 x 90 x 34 mm
Weight (g)	158g (W/o battery)
Operating Temperature	-10 ~ 50 ⁰ C

AC / DC Adapter

ITEM	DESCRIPTION
Input Voltage	100V ~ 240V AC
Input Frequency	50 / 60 Hz
Output Voltage	12V (DC)

Internal Back-up Battery

ITEM	DESCRIPTION
Capacity	3.7V Li-ion
Talk duration time	2 Hours Min
Standby duration time	30 Hours Min
Charging duration time	Normal / Trickle 4 Hours 30 Minutes

Note:

- Talk time condition: sector power – 80dBm ~ .85dBm full data rate.
- Standby time condition: sector power – 80dBm ~ .85dBm slot cycle index 2

LED indicator

INFORMATION	ACTIVITY	MEANING
Service	Green (Solid)	Good signal strength
	Yellow (Solid)	Poor signal strength
	Red (Blink)	No service area
PWR (AC/Batt)	Red (Solid)	Low battery (Only battery mode)
Mode	Green (Blink)	Incoming ringing or charger connection status alternated
Over voltage charge warning	Red (Fast Blink)	Over voltage charger connected

Call Features

ITEM	DESCRIPTION
Speed Dial	User can assign upto 30 entries.
Emergency Call	Upto 3 emergency calls can be defined.
Hot Line	Automatically calls to registered number in off hook state.
Volume Level	Volume level controlling of Voice, Dial Tone and Busy Tone.
Call Lock	Protect your outgoing calls with 4 digits password.
Restrict Call	Restrict upto 10 deny number and permit upto 10 dial number.
Call Waiting	(Network Dependent Feature).
Call Forwarding	(Network Dependent Feature).
Caller ID	(Network Dependent Feature).
3 Way call conference	(Network Dependent Feature).

Walk-up Alarm

Built-in alarm to remind you whenever you need. Alert ring for 1 minute.

Alarm does not ring on the state of hook off, conversation or no service.

Technical Features

ITEM	DESCRIPTION
Base band Chipset	QSC 6010
Flash Memory	16Mb
SRAM	16Mb

Kit Contains

LST-280R Unit
Dipole Antenna
Backup Battery (Internal)
User Guide (English and Hindi)
AC/DC Power Adapter

Other Important Information

Length between LST-280R Unit and Telephone : 1 Meter
LST-280R can support caller ID service (DTMF type only) if you have a telephone with Caller ID feature but during the call, CID is not displayed.
