

MOBILE SIGNAL BOOSTER CIT1085A



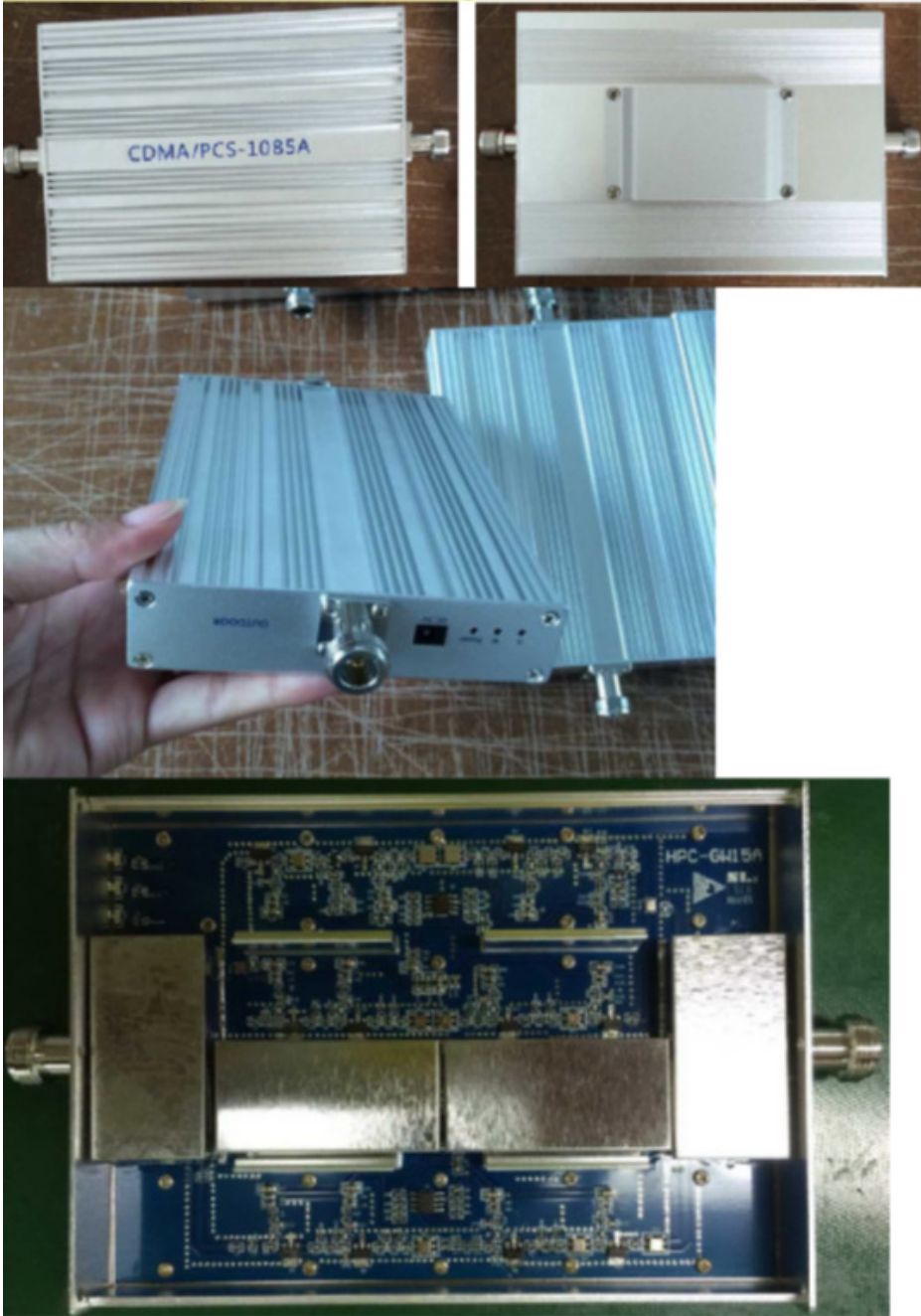
CIT 1085A mobile phone signal booster specification

Frequency range	GSM 824-849 869~894MHz DCS1850-1910 1930-1990mhz	Gain	Up link: Gp≥63dB Downlink: Gp≥68dB
output	Up link :15dBm Downlink: 17dBm	Function	a) Power supply LED denote b) Export power LED denote
Port VSWR	≤1.8DB	I/O impedance	50Ω/N connector
Noise figure	≤6dB	Transmission delay	≤0.5μs
Ambient temperature	-15°C~55°C	Power supply	AC/220V±10% 45~55Hz
Size/weight	130*95*28MM/450g	Coverage area	300sqm

Phone Improved Service: Voice, Text, Data and Mobile Internet:

-  Making Calls
-  Sending Texts
-  Browse Internet
-  Sending Picture Messages
-  Using Emails on Your Phone
-  Stream Music
-  Sending Videos
-  Fast Networking for Smartphones, Dongles and Tablets

CIT1085A Repeater Outside picture/Inside Design



The CIT1085A Dual band repeater With 3 LED indicates :
POWR LED
UL LED

LED	Status	Definition
Power	Red	Normal
	Off	DC power problem
DL(Downlink)	White	No signal received
		Solution: Adjust the outdoor installation to get sound signal(see page 14)
	Green	Signal received ok but not perfect
		Solution: Adjust the outdoor installation to get sound signal(see page 14)
Red	Full signal received	

Features of the CDMA850 1900mhz Dual band Signal Repeater ST-1085A

- Elegant appearance, mini size, light weight
- Easy installation.
- No interference to the base station, no harm to people health.
- CE & RoHS proved.
- Low consumption.
- ALC technology.
- Stable performance.
- Environment Friendly, Energy-Efficient.
- Comply to the ETS300 694-4 standard
- Comply to the GB6993-86 standard
- Wide band repeater to support signals of all operators.
- High-integration (One board to contain low-noise amplifier, frequency selection module, power amplifier module, both uplink and downlink one for all).
- Manual gain control, Automatic gain control, Artificial Intelligence function can protect the repeater together the BTS perfectly.
- Auto shut off function as final step to avoid severe interference with mobile net network and energy saving.