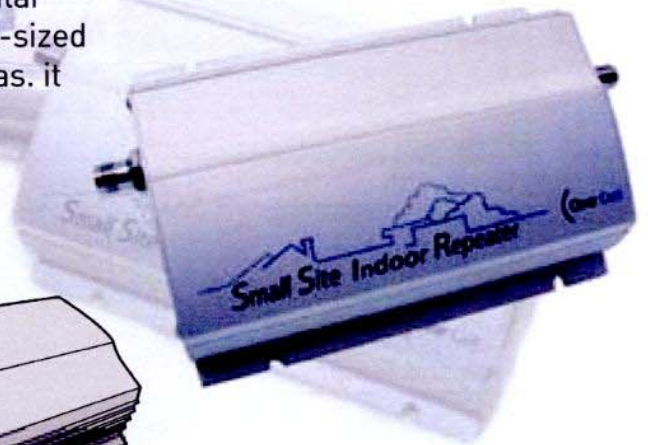


## iDEN/CDMA/GSM/Japanese System Small Site 40/45 Series

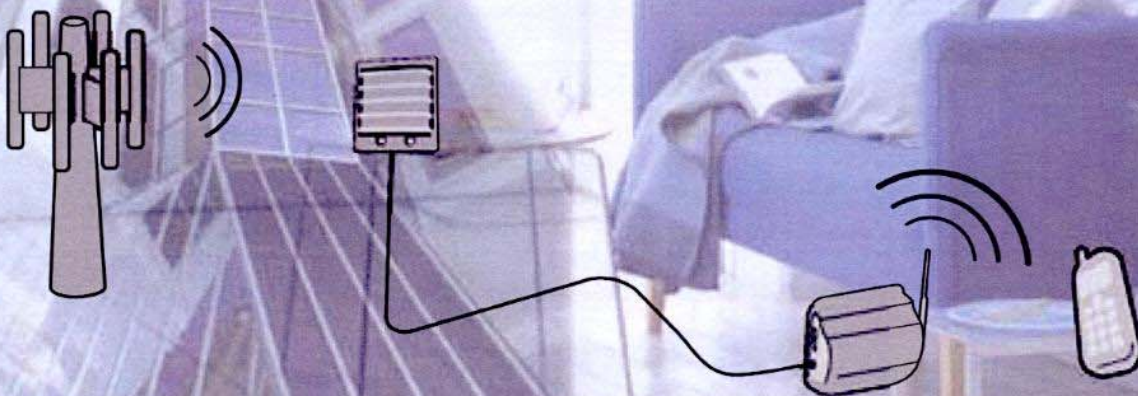
The ClearCast® Small Site Wireless Reception Repeater is ideally suited for providing and/or improving cellular reception in residential homes, workshops, small-sized parking garages, basements and small office areas. It is end-user orientation-Easy Installation, DIY kit, adequate accessories for installation, unique 5 color LED level indicators, easy to find base station. 15m coaxial cable with pre-installed connectors. Just with install TV antenna experience, customer may easily complete the small site indoor repeater installation.



### Features

- Improve indoor cellphone communication, coverage area 40-150m<sup>2</sup>(40 series), 60-200m<sup>2</sup>(45series)
- Reduce radiation from cellphone, helpful for human health
- Built-in AGC circuit, free of interference
- Unique LED level indicators, easy to find base station
- Extend lifespan of cellular phone battery
- DIY kit, adequate accessories included, easy to install
- 4 systems in 1repeater ( CDMA, TDMA, GSM 850, Analog in CDMA model.)

### How does it work?



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E-mail : ronesing@pacific.net.sg  
Website : <http://www.r-onetrading.com>  
Reg No : 199304570C



## Specifications

ELECTRICAL PART		SI 40/45	SC40/45	SG40/45	SJ40/45
Model No.		SI 40/45	SC40/45	SG40/45	SJ40/45
Cell Phone System		iDEN	CDMA	GSM	NTT DoCoMo + AU/ KDDI
Frequency Range	Uplink	806~824 MHz	824~849 MHz	890~915 MHz	887~958 MHz
	Downlink	851~869 MHz	869~894 MHz	935~960 MHz	810~870 MHz
Bandwidth		18 MHz	25 MHz	25 MHz	71/60 MHz
Gain		(a) Uplink 40dB /Downlink 40dB (nom) (b) Uplink 45dB /Downlink 45 dB ( opt)			
Gain Variation Over Freq.and Temp.		± 3dB			
Noise Figure		Uplink 8.0dB / Downlink 8.0 dB			
OICP-3		Uplink 34dBm/ Downlink 20dBm			
P1dB		Uplink 26dBm / Downlink 12dBm			
V.S.W.R.		≤ 2.0:1			
RF Power Output		Uplink 17dBm / Downlink 3 dBm			
Power Supply		90~240 VAC 50~60 Hz, 12.2 VDC 1.5A ( max)			
Power consumption		7W			
AGC Dynamic Range		20 dB (Typ)			
Spurious IMD		-20dBm ( Typ)			
Level indicator		5 color LED indicators : Red, Orange, Yellow, Green, Blue			
Input Level Display Range		-90 ~ -60 dBm			
MECHANICAL PART					
Size Dimensions		3.8 *10.5 *16 cm (H*W*D) ; 1.5 *4.1*6.3 in			
RF Connector		Outdoor ANT side: F (F); Indoor ANT side : TNC (F)			
Weight		0.5 kg ( approx)			
Case		Alloy aluminum			
Installation		Wall or ceiling mount or set on the cabinet			
Fastening		4 screw holes			
Operation Temp.		-5° ~ +45°			
Storage Temp		-15° ~ +50°			

### Repeater kit unit and parts (include) :

- |                                          |                                                    |
|------------------------------------------|----------------------------------------------------|
| 1. Main Unit                             | 5. Interior Omnidirectional Antenna                |
| 2. Exterior Unidirectional Panel Antenna | 6. 15m coaxial cable with pre-installed connectors |
| 3. Bracket and mounting screw set        | 7. additional F connectors for spare               |
| 4. AC Adaptor                            |                                                    |

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