



# **G-SERIES COMPACT SITE**

**OUTDOOR DESIGN. G-SERIES PERFORMANCE.**



## EASY SITE DESIGN AND EASY INSTALLATION

Protected from the elements, the ASTRO 25 G-Series Site contains all the necessary electrical components of an entire ASTRO 25 radio site. Simply place the cabinet on a concrete pad or hang to reduce costs and complexities associated with traditional building construction and difficult terrains.

## FILL-IN COVERAGE

Fill coverage holes by placing an easy to install, low impact site, between your existing sites. A few channels may be all that is needed to carry traffic as users travel between densely populated areas.

## G-SERIES COMPONENTS

The Compact Site uses common G-Series components of our indoor site equipment. This means your G-Series Compact Sites share the same features, security, maintenance procedures and spares pool as your indoor sites.

## INSTALLATION OPTIONS

The cabinet is designed for pad, pole or wall mounted options with mounting brackets and plinth risers available for each mounting option.



## LOW POWER HEAT EXCHANGER

To minimize power consumption, the cabinet uses a heat exchanger to keep the electrical components cool and is much more energy efficient compared to a typical air conditioner. Because internal and external air streams are never mixed, the heat exchanger does not introduce dirty contaminants to the internal equipment.

### GENERAL SPECIFICATIONS

Configurations	Repeater Site, Simulcast Remote Site or Digital Conventional
Number of Channels	1-3
Frequency Range	TX: 764-776, 851-870 MHz RX: 792-825 MHz
Average Power Output per Channel	2-30 Watts
Input Voltage	48 VDC Nominal 43.2-60 VDC Range

### ENVIRONMENTAL SPECIFICATIONS

Operating Temperature Range	-30 to 50°C (-22 to 122°F)
Non-Operating Temperature Range	-45 to 70°C (-49 to 158°F)
Ingress Protection	IP55, NEMA 4
Seismic (Pad mount configuration)	Zone 4
Wind Resistance	67 m/sec (150 mph)

### PHYSICAL SPECIFICATIONS

Weight	104 kg (230 lb) empty, 209 kg (460 lb) fully loaded
Pad Mounted Dimensions (HxWxD)	151.1 x 69.1 x 92.7 cm (59.5 x 27.2 x 36.5 in), Mounting angles protrude 5cm (2 in) width on each side
Pole Mounted Dimensions (HxWxD)	131 x 69.1 x 92.7 cm (51.5 X 27.2 X 36.5 in), Mounting bracket is 76 cm (30 in), Projection from the pole is in the width dimension
Wall Mounted Dimensions (HxWxD)	140.5 x 69.9 x 92.7 cm (55.3 X 27.5 X 36.5 in), Projection from the wall is in the width direction



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