

# INTRODUCING ASC'S LATEST NGC-LTE CONTROLLER



## KEY FEATURES

- **Easy Setup**
- **High Resolution Color Touch Pad**
- **Reduce Rack Footprint**
- **Simplified Wiring**
- **Simplified Outdoor Design**

The **NGC-LTE** Antenna Control System is an entry-level antenna control system intended for applications where the antenna is pointed at geostationary satellites and tracking is not required.

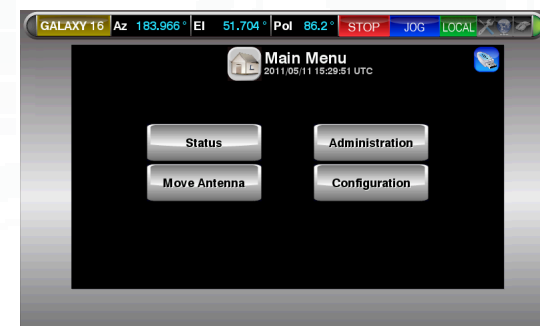
The NGC-LTE System offers precise, user-friendly control over the basic motorization kits for ASC Signal Corporation antennas with sizes ranging from 3.5 meters and up. This system has the capability of memorizing over 500 satellite positions.

Providing convenient features such as straightforward color graphics, LCD touch screen interface, and a number of powerful remote control software protocol options. The NGC-LTE Antenna Control System is an ideal low-cost solution for small- to large-sized earth station antennas requiring simple pointing functions.

The NGC-LTE System is designed for use in situations that have previously used (or had the potential to use) the APC100 and APC400 controllers without tracking functions.

The NGC-LTE Antenna Control System uses VFDs (Variable Frequency Drives) that allow the antenna to increase speed when the antenna is commanded to move to a new target satellite, while moving at a precise lower speed when the antenna is peaking up on a satellite.

The product has been designed to be in compliance with applicable CE, CSA and UL standards.



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ANTENNA CONTROLLER

INDOOR UNIT (NGC-IDU-LTE)	
<b>ELECTRICAL</b>	
AC Input Power	120 - 250 VAC @ 1A
<b>MECHANICAL</b>	
Dimensions	19 in x 5.25 in x 6 in
Weight	10 lb Max
Mounting	Rack Mountable 3RU per EIA-310E
<b>FUNCTION FEATURES</b>	
External Interfaces	Ethernet, RS-232C, USB, NGC Bus Interface
Protocol	SNMP v1 and v2c via Ethernet; APC100 emulation (serial)

INDOOR OPTIONS	
NGC-006-LTE	Emergency Stop Button

OUTDOOR UNIT (NGC-ODU-LTE)	
NGC-ODU-LTE-208-3	FOR 3.5 - 4.9m Fixed ESA, 200-230 VAC
NGC-ODU-LTE-380-3	FOR 3.5 - 4.9m Fixed ESA, 380-460 VAC
NGC-ODU-LTE-208-5	FOR 5.6 - 9.4m Fixed ESA, 200-230 VAC
NGC-ODU-LTE-380-5	FOR 5.6 - 9.4m Fixed ESA, 380-460 VAC

<b>ELECTRICAL</b>	
AC Input Power	208 or 380 VAC Three Phase, 50/60 Hz, 60 A max
<b>MECHANICAL</b>	
Dimensions	32 in x 26.5 in x 10.5 in (Other Pkgs Available)
Weight	60 lb (May Vary with Optional Equipment)

OUTDOOR OPTIONS	
NGC-201-LTE	LOW TEMPERATURE KIT (-40C)
NGC-202-LTE	HIGH TEMPERATURE KIT (+60C)

IFL KITS	
NGC-IFL-LTE-50M	NGC AISG INTERFACILITY CABLING, 50 M
NGC-IFL-LTE-100M	NGC AISG INTERFACILITY CABLING, 100 M
NGC-IFL-LTE-150M	NGC AISG INTERFACILITY CABLING, 150 M
NGC-IFL-LTE-200M	NGC AISG INTERFACILITY CABLING, 200 M
NGC-IFL-LTE-250M	NGC AISG INTERFACILITY CABLING, 250 M
NGC-IFL-LTE-300M	NGC AISG INTERFACILITY CABLING, 300 M

MOTORIZATION	
NGC-MK4	VARIABLE SPD MOTOR KIT, AZ & EL DRIVE - 3.6M/3.7M/4.0M/4.5M ESA
NGC-MK5	VARIABLE SPD MOTOR KIT, AZ & EL DRIVE. - 3.5M AND 4.9M ESA
NGC-MK7	VARIABLE SPD MOTOR KIT, AZ & EL DRIVE - 5.6M/6.6M(-2)/7.3M/7.6M ESA
NGC-MK93	VARIABLE SPD MOTOR KIT, AZ & EL DRIVE - 9.3M ESA
NGC-MK94	VARIABLE SPD MOTOR KIT, AZ & EL DRIVE - 9.4M ESA

POLARIZATION	
NGC-PK5DRA	KU-BAND DUAL REFLECTOR POLARIZATION DRIVE KIT
NGC-PK5PF	PRIME FOCUS POLARIZATION DRIVE KIT
NGC-PK9DRA	DUAL REFLECTOR POLARIZATION DRIVE KIT, 4.9M TO 9.4M
NGC-PK9DRA-LO	DUAL REFLECTOR POLARIZATION DRIVE KIT LOW TEMP, 4.9M TO 9.4M

