

# G-Wave's A La Carte FEATURES



Environmentally sealed for outdoor applications. Available in "N" and "C" enclosure

O



External +24 VDC battery back-up connector. This gives the flexibility of powering the BDA with both an AC and DC source. If both sources are connected, the BDA will automatically select the stronger voltage source for power without ever going offline.

S1

\*Required for NFPA and IFC Compliance



Oscillation detection module monitors BDA operation. In case of Oscillation inside the BDA, the detector will shut down all the amplifiers to avoid interference with other systems in the area, when the Oscillation condition passes or is resolved, the ODSC operation will turn on all the amplifiers, returning to regular operation.  
(Alarm contact may be added to O26 feature.)

ODSC



Powered by DC Only @ + 28 VDC

DC28



Lightening protection on UL and DL ports using a gas discharge tube 230V, 20KA

LGHT

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Fire-engine red enclosure to signify equipment is for public safety. Please verify your local requirements.

## RED

\*Required for NFPA and IFC Compliance



Local Alarming via 7-pin dry contact connector and 12" pigtail will be provided to wire into a building's alarm system.  
Alarm contacts: Amp failure, BBU indicator (if S1 selected)  
Available in "N" and "C" enclosures.

## RM7

\*Required for IFC Compliance if RM9 not included



Local Alarming via 9-Pin dry contact connector and 12" pigtail will be provided to wire into a building's alarm system.  
Alarm contacts: Amp failure and BBU indicator (if S1 selected)  
Available in "A", "B", "AB", "M" and "R" enclosures.

## RM9

\*Required for IFC Compliance if RM7 not included



Local Alarming via 26-Pin dry contact connector and 12" pigtail will be provided to wire into a building's alarm system.  
Alarm contacts: Donor antenna failure, Amp failure, BBU indicator (if S1 selected), and Oscillation detect (if ODSC selected)  
Available in all enclosures.

## O26

\*Required for NFPA Compliance



Cannon type AC connector, prohibits an individual from unintentionally pulling AC cord from unit as well as providing additional protection against direct water.

## D

\*Required for NFPA Compliance

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The standby feature allows your DAS to remain fully operational but pauses RF amplification. If a fire alarm is activated in the building, the fire department then manually initiates a 12V relay through the alarm panel which will activate the BDA during an emergency.

STNB



BDA has a simplex port configuration on the mobile side (separate uplink and downlink ports connected to the DAS). Duplex base port (single port to signal source)

Y1



BDA has a simplex port configuration on the base side (separate uplink and downlink ports connected to the signal source, ie. repeater or donor antenna). Duplex mobile port (single port to DAS)

Y2



BDA has simplex port configurations for both the mobile and base ports.

Y3



Add 10 dB gain to any standard gain offering.

90

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AC Surge Protection and DC Line Conditioning  
Highly recommended if building has non-  
conditioned generator back-up power.

ACSP



19" Rack Enclosure

R



NEMA4 Rated wall mount cabinet.  
(Not necessary if standard enclosure is "C")

N



Internal LCD screen providing live readout of  
composite output power. Available in "N" and  
"R" enclosures only.

DISP1



A door latch to be included on NEMA 4 door of  
the "N" enclosure, enabling user to implement a  
pad-lock, ensuring a tamper-proof system.

LATCH