

# DMR 600

Deltanodes DMR600 repeater platform with medium power band selective repeaters is designed for a small form factor, high performance and a long lifetime. It can be used for coverage enhancement in up to medium sized indoor environments.



## KEY FEATURES

- › Small size and lightweight for easy installation
- › Variable bandwidth up to 35MHz depending on configuration
- › High selectivity using SAW technology
- › Optimal performance and minimal interference with self oscillation protection, fast AGC and link symmetry functionality.
- › Operational parameters are set in a web interface, only a web browser is needed for control
- › Remote control via Ethernet or Deltanodes Remote GateWay
- › Alarms can be forwarded via SNMP to any Maintenance Centre\*
- › Complies to the RoHS directive 2002-95-EC

\*Deltanodes Remote GateWay required

# DMR 600

## GENERAL SPECIFICATIONS

<b>Gain</b>		50 - 80	dB in 1dB steps
<b>Noise Figure</b>		< 5	dB
<b>Delay</b>		< 6	µs
<b>Power Supply (optional)</b>	Mains	12 - 30	VDC
<b>Power Supply</b>	Mains	100 – 240	VAC
<b>Power Consumption DC</b>	12-28 V	< 35	W
<b>Dimensions</b>	WxDxH	300x50x210	mm
<b>Weight</b>		< 1,4	Kg
<b>Operating Temperature</b>	DC powered	-25 - +55	°C
<b>Operating Temperature</b>	AC powered	0 - +40	°C
<b>Casing</b>		IP42	

## AVAILABLE PRODUCTS, AMERICAN CELLULAR

Product	System	UL Frequency MHz	DL Frequency MHz	Pout UL/DL, dBm (PEP)	Standard
DMR607	iDEN	806 - 824	851 - 869	28	FCC
DMR608	Cellular	824 - 849	869 - 894	28	FCC
DMR619	PCS1900	1850 - 1910	1930 - 1990	28	FCC
DMR620	AWS	1710 - 1755	2110 - 2155	28	FCC

## AVAILABLE PRODUCTS, EUROPEAN CELLULAR

Product	System	UL Frequency MHz	DL Frequency MHz	Pout UL/DL dBm/c, 1 Carrier	Pout UL/DL dBm/c, 2 Carriers	Standard
DMR604	CDMA450	453 - 457,5	463 - 467,5	26	21	FCC
DMR606	GSM-R	876 - 880	921 - 925	19	16	ETSI
DMR609	EGSM900	880 - 915	925 - 960	19	16	ETSI
DMR618	GSM1800	1710 - 1785	1805 - 1880	19	16	ETSI
DMR621	UMTS	1920 - 1980	2110 - 2170	23(DL), 20(UL)	18(DL), 15(UL)	3GPP

All specifications are subject to change without notice. Copyright©2009 DeltaNode. All rights reserved.

Rel. 09-02

