

MULTIBOOST PRO UK / IRELAND

Multi Operator & Multi Band mobile Signal Repeater

The Multiboost PRO is a versatile, multi-operator signal booster, effective across sub-3 GHz bands. Incorporating 100% digital filtering, it supports GSM, UMTS, LTE, and NR technologies. Features include smart self-regulation, safety shutdown, and supporting up to 4 bands. Maintenance includes remote control, monitoring, and software updates.



OUR VALUE PROMISE

Keeps spectrum clean

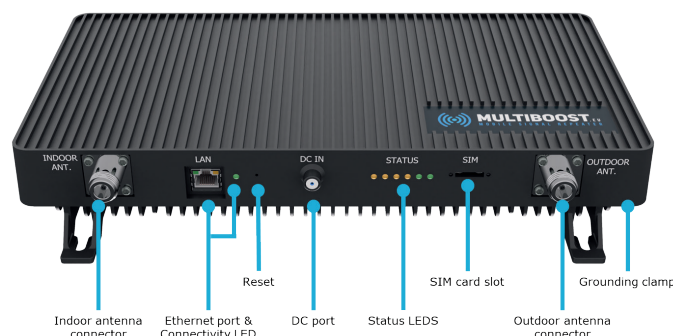
- » Multi band – All bands sub 3 GHz
- » 100% digital – Sharpest filtering and highest Flexibility
- » Smart – Self-regulating and Safety shutdown

Universal & Band selective

- » All technologies – GSM, UMTS, LTE and NR
- » Multiband – Up to 4 Bands simultaneously
- » Carrier selective – Multi-Operator

Easy to support

- » Control – Remote Access and Control
- » Supervision – Alarm and Monitoring (Ethernet or 4G)
- » Software-Defined – Update Config and Upgrade Software



Multiboost products are Ofcom and ComReg License exempt and legal to use in the UK and Ireland

Technical specifications

	Multiboost Pro UK MB1053NS1D03	Multiboost Pro Triple UK MB1353NS1D03	Multiboost Pro Dual UK MB1253NS1D03
Simultaneous Bands	Up to 4	Up to 3	Up to 2
Supported Bands	B20 B8 B3 B1 (FDD)		
Simultaneous Sub Bands	Up to 15	Up to 12	Up to 8
Uplink frequencies	832-862MHz 880-915MHz 1710-1785MHz 1920-1980MHz		
Downlink frequencies	791-821MHz 925-960MHz 1805-1880MHz 2110-2170MHz		
Region	UK / Ireland		
Compliance	Ofcom VTS 2102, ComReg S.I. No. 283/2018, RED 2014/53/EU, UKCA		
Duplex	FDD		
Boosts all networks (2G, 3G, 4G, 5G)	Yes (sub 3 GHz)		
Maximum Gain	80 dB		
AGC	Yes		
AGC range	50 dB		
Sub-band bandwidth	2 – 45 MHz		
Output Power (donor antenna)	Up to 17 dBm		
Output Power (service antenna)	Up to 17 dBm		
Impedance	50 Ohm		
Connections	N-Type		
Ambient Temperature	-10 – +50 °C		
Power Consumption	50 W (Maximum)		
External Power Supply	20V, 65W		
Oscillation Control	Yes		
Level Control (mobile phone presence)	Yes		
Uplink Switch Off	Yes		
Remote Control/Monitoring	Yes (via Ethernet or built-in 4G modem)		
User Interface	LED indicator & Intuitive Web Interface		
Network Information Scan	Yes		
Multi-Carrier Support	Yes		
Operator enable/disable function	Yes		
Dimensions (HxWxD)	60 x 345 x 210 mm		
Protection index	IP30 (indoor)		
Housing Material	Aluminium		
Weight	3.150 kg		