

MULTIBOOST PRO LITE - MULTI OPERATOR

Multi Band mobile Signal Repeater

The Multiboost PRO LITE is a compact, 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 3 bands in 5 Hardware variants. 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 3 Bands simultaneously
- » Carrier selective – Multi-Operator

Easy to support

- » Control – Remote Access and Control
- » Supervision – Alarm and Monitoring by Ethernet
- » Software-Defined – Update Config and Upgrade Software

Technical specifications	PRO TRIPLE LITE		PRO DUAL LITE		
	PRO TRIPLE LITE	PRO TRIPLE LITE LB	PRO DUAL LITE	PRO DUAL LITE LB	PRO DUAL LITE MB
Reference	MB2350NX1D03 MB2350NS1D03*	MB2L30NX1D03	MB2250NX1D03	MB2L20NX1D03	MB2M20NX1D03
Simultaneous Bands	3 (from 5)	3	2 (from 5)	2	2
Supported Bands	B28A B20 B8 B3 B1	Low band: B28A B20 B8	B28A B20 B8 B3 B1	Low band: B20 B8	Mid band: B1 B3
Simultaneous Sub Bands	Up to 9	Up to 9	Up to 6	Up to 6	Up to 6
Uplink Frequencies	703-748MHz 832-862MHz 880-915MHz 1710-1785MHz 1920-1980MHz	703-748MHz 832-862MHz 880-915MHz	703-748MHz 832-862MHz 880-915MHz 1710-1785MHz 1920-1980MHz	832-862MHz 880-915MHz	1710-1785MHz 1920-1980MHz
Downlink Frequencies	758-803MHz 791-821MHz 925-960MHz 1805-1880MHz 2110-2170MHz	758-803MHz 791-821MHz 925-960MHz	758-803MHz 791-821MHz 925-960MHz 1805-1880MHz 2110-2170MHz	791-821MHz 925-960MHz	1805-1880MHz 2110-2170MHz
Duplex	FDD				
Boosts All Networks (2G, 3G, 4G, 5G)	Yes (sub 3 GHz)				
Maximum Gain	75 dB				
AGC	Yes				
AGC Range	50 dB				
Sub-band Bandwidth	3 – 45 MHz				
Repeater System Delay (For All BW Settings)	1.4 µs				
Noise Figure At Max. Gain	7 dB				
Output Power (Donor antenna)	Up to 13 dBm				
Output Power (Service antenna)	Up to 13 dBm				
Impedance	50 Ohm				
Connections	N-Type				
Ambient Temperature	-10 – +50 °C				
DC Power Consumption	15 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) * MB2350NS1D03: Ethernet and built-in 2G/3G/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 250 x 180 mm				
Protection Index	IP30 (indoor)				
Housing Material	Aluminium				
Weight	2.0 kg				