



SSB MAC 5 band EU LCD

Item no.: 4000-LC



| | |
|----------------------------------|---|
| Frequency range: | 791-862 MHz 880-960 MHz 1710-1880 MHz 1920-2170 MHz 2500-2620 MHz |
| Coverage: | 1000 m ² per internal antenna at max. outdoor signal (typical 500 m ²) |
| Number of users: | Unlimited > only depending on operator capacity |
| Latency: | < 0.3 μs on all frequency bands |
| Gain: | > 60 dB downlink and > 50 dB uplink on each frequency band > 57 dB wideband |
| Dual carrier IMD: | Better than -55 dBm at max. power |
| Band pass ripple: | < 3 dB |
| Input/output impedance: | 50 Ohm |
| Input port: | N female connector max. -30 dBm (overload protected) |
| Output ports: | 4 x SMA connector max. 6 dBm each |
| Ethernet port: | RJ45 for monitoring, logging, adjustment |
| Operating temperature range: | -30°C to +60°C – static fan less cooling – no noise |
| Power supply / consumption: | Input 110 – 240 V AC 0.5A / Output 12 V DC 5A / typical 30 W > 50 W max. |
| Oscillation control: | Automatic |
| Uplink control: | Automatic on/off – conducted uplink noise < -80 dBm |
| Level control downlink & uplink: | Automatic – continuously monitored and adjusted |
| AGC range: | 30 dB |
| Surge protection: | Built in on all connectors and outdoor antenna |
| DC protection: | 12 V DC port reverse polarity and overvoltage protected |
| Maximum working distance: | Depending on operator settings, typical up to max. 35 km |
| LCD touch display: | Info per frequency band > status – signal – AGC – uplink – overload – power on |

Mechanical specifications:

| | |
|-------------|--|
| Dimensions: | 19" rack H: 2U 88 mm B: 440 mm T: 310 mm (without handles) |
| Weight: | 5 kg |

Notes on environmental protection



Electrical and electronic devices may not be disposed of with household waste. This must be handed in separately at collecting points, or returned to the point of sale. Packaging materials must be separated and disposed of through the municipal waste by material type.

Maintenance

Do not open the unit. It does not contain any parts needing maintenance. If you need help regarding technical matters, please contact support@ssb-electronic.com.

Safety, Warranty

Not suitable for children! The packaging material and the device may contain small parts which may be swallowed. Repairs may only be performed by qualified personnel. Opening the device or improper use will void any warranty claims. No guarantee will be given. The device applies to the Low Voltage Directive 2006/95/EG, as well as to 2004/108/EG, 2002/96/EG, 1999/44/EG.

Declaration of Conformity



The CE mark is a free trade mark. It does not guarantee any product features. The product does apply all relevant regulations within the scope of 94/62/EG.

Manufacturer is: SSB-Electronic GmbH,
Am Pulverhäuschen 4, 59557 Lippstadt/Germany

Technical changes are reserved. Contents of this document are the intellectual property of SSB-Electronic GmbH. Reproduction is only permitted with the express written approval.

How to contact:

| | |
|-----------|--|
| E-Mail: | support@ssb-electronic.com |
| Phone: | +49 (0) 2941-93385-0 |
| Internet: | www.ssb-electronic.com |