



Product data sheet

01/06/2023

R1 MESH

MOTORCYCLE INTERCOM
WITH MESH AND BLUETOOTH TECHNOLOGY



Intercoms

R1 MESH

Midland expands the range of devices with hybrid Bluetooth and Mesh technology and introduces R1 Mesh

New look & feel, top technology, simplified user interface, magiclock magnetic fastening system, RCF audio experience and best quality-price all in one model.

Thanks to MIDLAND MESH technology it will be possible to talk to one or more motorcyclists in a dynamic way, overcoming the "chain" configuration typical of the Bluetooth conference.

The presence of a dual processor guarantees great connection stability with the multimedia displays of the vehicles.

Finally, the CVP (Crystal Voice Processing) function guarantees a clear and powerful voice.

R1 MESH enriches the "family" of Midland intercoms based on MMC (Midland Mesh Communication) technology developed by MIDLAND R&D.

GROUP COMMUNICATION IN 2 MODES

MESH DYNAMIC REPEAT:
6 PEOPLE COMMUNICATING
99 PEOPLE LISTENING
UP TO 2 KM*

BLUETOOTH INTERCOM
UP TO 500 M
3 PEOPLE COMMUNICATING

*500m communication between individual devices



Intercoms

R1 MESH

TECHNICAL FEATURES

- **DISTANCES**

Up to 2 km in MESH DYNAMIC REPEAT mode (6 people communicating - 99 listening).
Intercom Bluetooth One to One up to 3 people

- **LONG AUTONOMY**

Incredible battery life: up to 23 hours in Bluetooth mode; 15 hours in MESH mode.

- **WATERPROOFING**

Waterproof IPX6 (guarantees intercom operation even in heavy showers).

- **DIGITAL RADIO**

Radio using MIDLAND CONNECT app

- **OTHER FEATURES**

TFT dashboard compatible

Compatible with current Midland intercoms via Bluetooth and with other intercoms via the Universal Intercom function

Compatible with MIDLAND CONNECT to customize settings from iOS and Android smartphones

Fixing to the helmet by means of the supplied magnetic mount

SIZE AND WEIGHT

Height: 70 mm

Width: 85 mm

Depth: 25 mm

Weight: 50g

Share your passion for motorcycles with your friends and stay in touch with them using MESH technology.

R1 MESH has all the functions of the top of the range, but with more accessible prices thanks to performance optimization.

Top technology

New design

CVP (Crystal Voice Processing) improves the quality and stability of speech reception;

Stereo Background, to listen to GPS information or music as a background to intercom communication.

Radio FM via app;

Compatibility with TFT dashboards of motorcycle manufacturers.

Waterproofing, allowed by the IPX6 certification

DNK™ digital technology (Digital Noise Killer, Noise Gate) to reduce noise by 80%.

RCF audio system,

PACKAGE CONTENTS

SINGLE VERSION

1 R1 MESH device; 1 audio system with two 40 mm High Definition Sound by RCF stereo speakers; 2 shims; 1 wired and 1 rigid anti-turbulence boom microphone, 1 magnetic fixing system to the helmet: with bi-adhesive tape and clamp, 1 USB type C cable

TWIN VERSION

2 R1 MESH devices; 2 audio systems with two 40 mm High Definition Sound by RCF stereo speakers; 4 shims; 2 wired and 2 rigid anti-turbulence boom microphones, 2 magnetic fixing systems to the helmet: with bi-adhesive tape and clamp, 2 USB type C cables

CODES

C1585 single version



C1585.01 double version



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SPEAKERS BY RCF

KEY POINTS

TWICE AS MANY BASS TONES
A NEW CUSTOM SPEAKER DRIVEN BY
POWER AND PROCESSING

50% MORE
SPEECH UNDERSTANDING, IN NOISY
CONDITIONS.

PROFESSIONAL SOUND
CAREFULLY OPTIMIZED DSP FOR
PERFECT LOW FREQUENCY
EXTENSION AND LINEARITY.

PEEK MEMBRANE
DESIGNED TO ACHIEVE MAXIMUM
SPOKEN SOUND CLARITY AND
DEFINITION.



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R1 MESH

OBI PROTOCOL

After reaching an agreement with Cardo and Uclear, Midland develops the new protocol:

**OPEN BLUETOOTH INTERCOM:
OBI.**

Universal Communication Solutions allows motorcyclists to freely choose whether to change and replace communication devices without compromising the fit and appearance of their helmets. Basically the "Universal Communication Solution" standardizes the size and shape of communication systems, allowing integrated assembly in the new motorcycle helmets approved according to the new ECE 22.06 standards.

With this function, motorcyclists can choose a Midland, Cardo or Uclear intercom and will be able to pair and connect their multi-brand intercoms without difficulty, having the certainty of maintaining uninterrupted communication and continuing to take advantage of all the other modes including calls and listening to music.



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MAGIcLOCK magnetic coupling
Automatic fixing system.



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R1 MESH



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ACCESSORIES

- **RCF audio kit consisting of 2** RCF Audio Experience speakers, 2 RCF protein leather ear cushions – code C1507
- **RCF Full Kit R Series Second Helmet** consisting of 2 RCF Audio Experience speakers, 2 RCF protein leather ear cushions, 2 speaker spacers, 1 wired microphone, 1 boom microphone, 1 magnetic coupling base, 1 bi-adhesive tape fixing base, 1 clamp fixing base – code C1550
- **RCF single speaker** consisting of 1 RCF Audio Experience speaker. PRO series compatible – code C1509
- **R series Fixing Plate** consisting of 1 adhesive base and 1 clamping fixing system - code C1505
- **R Series Magnetic Mount** consisting of a magnetic coupling base with cables – code C1552
- **R series demo kit.** Demo Kit – code C1553
- **BT Rush Anti-Turbulence Microphone.** Anti-turbulence boom microphone– code C1510
- **R Series USB-C Charging Cable.** Recharging and programming cable – C1508

