

MRU-300

RADIO SIGNAL REPEATER

The **MRU-300** radio signal repeater receives transmissions from **MICRA** wireless devices and retransmits them. It works with the **PERFECTA** control panels (**WRL** models and **PERFECTA 64 M** equipped with **PERFECTA-RF** module), **VERSA-MCU** controller, **MTX-300** controller, **MICRA** alarm module (firmware version 2.02 or newer).

- support for the following **MICRA** wireless system devices:
 - **MFD-300, MGD-300, MMD-300, MMD-302, MPD-300, MPD-310, MPD-310 Pet, MSD-300, MSD-350, MXD-300, MXD-300 BR** detectors
 - **MPT-350** keyfobs
 - **MKP-300** wireless keypads
- encrypted radio communication in the 433 MHz frequency band
- LED indicator of the repeater status
- tamper protection against opening of the enclosure
- 230 V AC supply
- built-in switching power supply
- short circuit protection of the power input
- backup battery
- battery charging circuit
- battery status supervision and low battery disconnect circuit

TECHNICAL DATA

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|---|---------------------|
| Enclosure dimensions | 126 x 158 x 32 mm |
| Board dimensions | 87 x 104 mm |
| Operating temperature range | -10°C...+55°C |
| Supply voltage (±15%) | 230 V AC, 50-60 Hz |
| Standby mode current consumption | 8 mA |
| Max. current consumption | 15 mA |
| Weight | 266 g |
| Maximum humidity | 93±3% |
| Operating frequency band | 433,05 ÷ 434,79 MHz |
| Environmental class according to EN50130-5 | II |
| Lithium-ion battery | 3,7 V / 1800 mAh |
| Radio communication range (in open area) for PERFECTA | up to 500 m |
| Radio communication range (in open area) for MICRA / VERSA-MCU / MTX-300 | up to 450 m |

