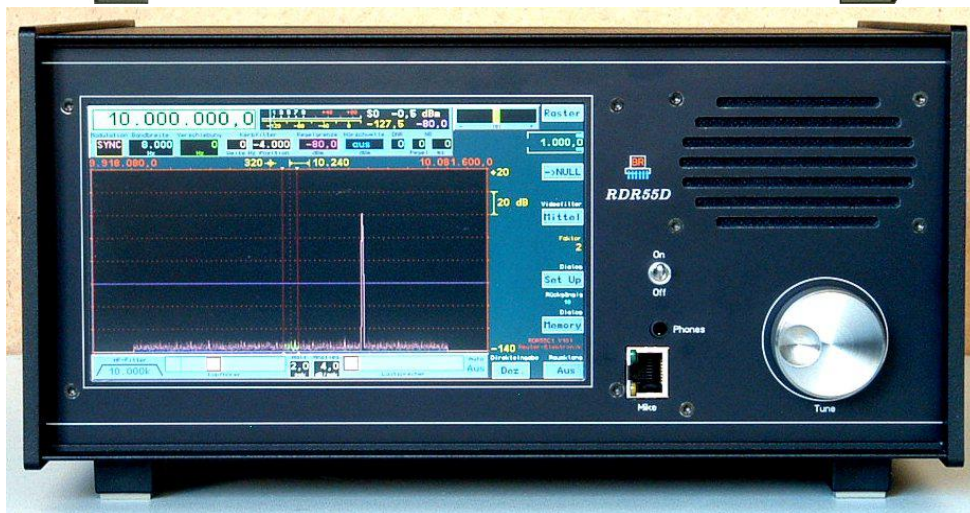
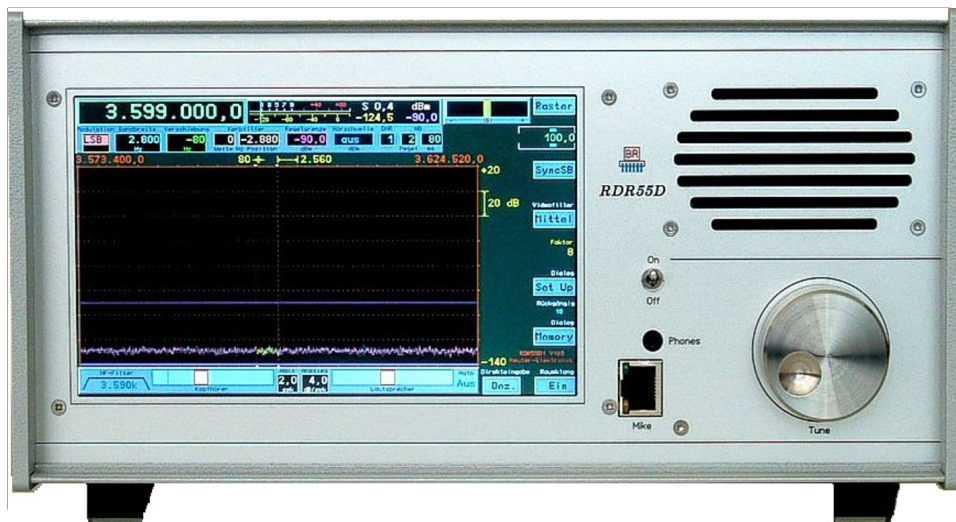


# Price list

Effective from 24.04.2021

for communication and measurement  
receiver / transceiver

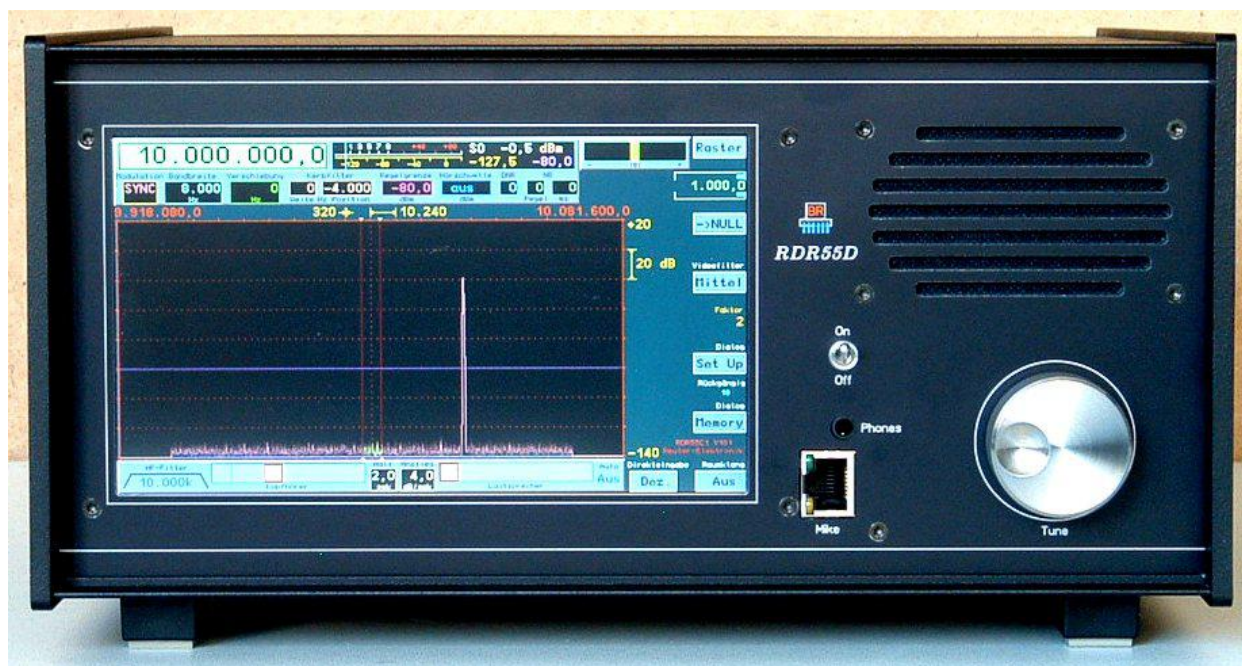


**RDR55E / 160E / Pocket / sPocket**

and antennas RLA4, RFA1 and accessories

From the validity date of this price list, all previous price lists are invalid!

## RDR55E (Standard black)



### Modular unit with one-piece front panel and rear modules:

- 7" (178 mm) WVGA display 800 x 480 pixels with touchscreen (matt surface)
- Latest audio hardware with spectrum-based and time-based DSP
- Optical encoder without detent, optional magnetic detent
- RPS30: Power supply 90 ... 230 V ~ 30 VA, external supply 12.3 ... 14.4 V DC possible
- RAD18E: 18 bit ADC (4 ADC units 16 bit), automatic 2-channel preselector on MW / SW, FM, 2 m (130 - 156 MHz), DAB +, remote control of RLA4 / RFA1
- RDR35D: DSP module with t/f converter 2.5 Hz frequency resolution, GPS, WiFi, Bluetooth
- Free software updates independent of device and owner

### Order designation RDR55E1

**Price: €4,500.00**

- With ADC module RAD17E (2x 16 bit, max. 71 MHz)

### Order designation RDR55E2

**Price: €3,990.00**

Delivery time: 2 - 6 weeks depending on module equipment.

Supplied with: USB cable, power cable, 2 adapter cables SMB to BNC (3 cables for devices with transmitter), manual and current software on CD / DVD or USB stick.

---

Optionally, the front panel of the RDR55 can be manufactured in aluminum metallic. The back is always anodised aluminum! The housing is black by default, gray metallic is available as an option.

**Additional charge front panel aluminum metallic RDR55:**

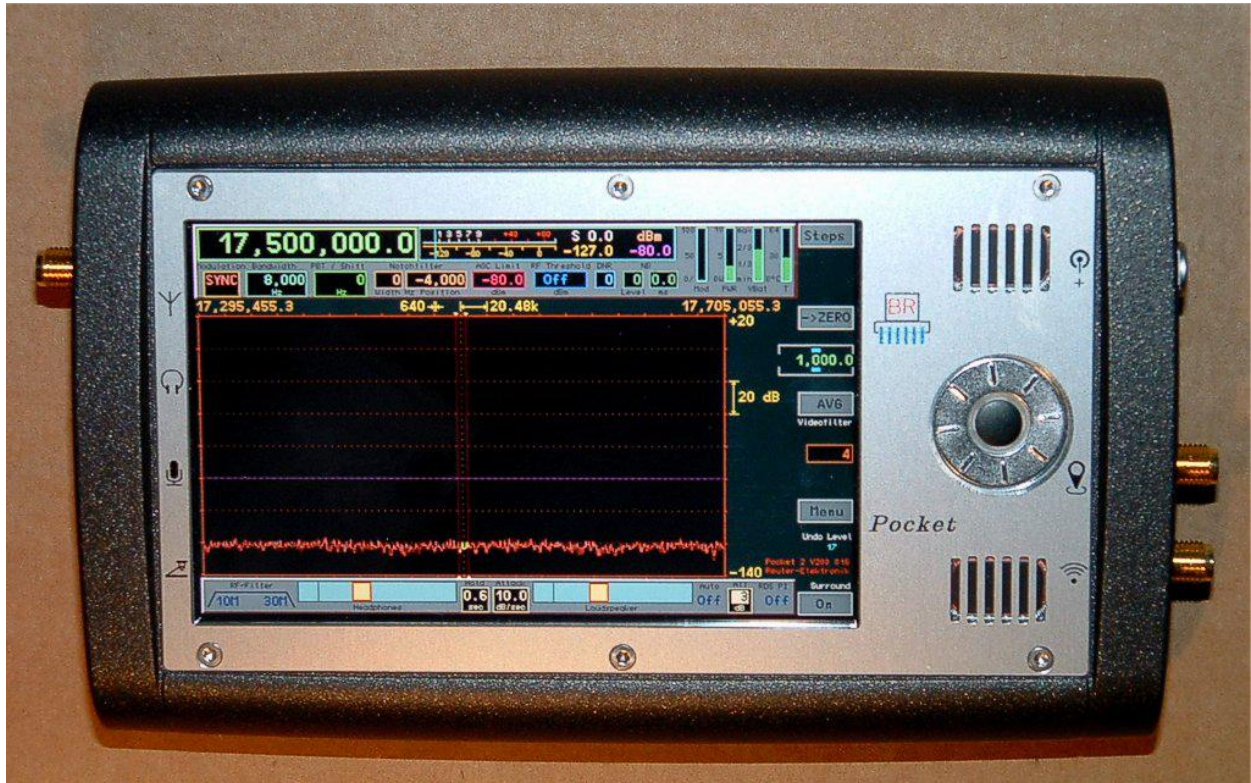
**€+50.00**

**Additional charge housing gray metallic RDR55:**

**€+50.00**



## Reuter Pocket



**Mobile device with the features of high quality desktop devices:**

- 4.3" (109 mm) WVGA display with touchscreen (smooth surface)
- Rotary encoder as "Scroll wheel"
- Signal processing up to 10 Hz spectral resolution at 40 spectra / sec
- Optional broadband spectrum up to 52.6 MHz viewing width
- Optional FM / DAB extension, optional FM special filter
- Optional Broadband Exciter 100 kHz - 156 MHz / 2 mW **only with FM module**
- 4 GBit flash recorder, optional 8 GBit
- 2 x Li-Ion accumulator 2.6 Ah permanently installed

Supplied with: 1 adapter cable SMC / BNC (socket), 1 charging cable Lemo / 4 mm laboratory ("banana") plug, 1 Bluetooth / WiFi antenna, 1 active GPS antenna (weatherproof, with long cable) and 1 stylus.

**Order designation Pocket B1**

**Price: €999.00**

0 – 30 MHz, 50 – 71 MHz, 2x 14 bit ADC

**Order designation Pocket B2**

**Price: €1,390.00**

0 – 30 MHz, 50 – 71 MHz, 87 – 110 MHz, 130 – 156 MHz, DAB(+), 2x 14 bit ADC

**Order designation Pocket C1**

**Price: €1,290.00**

0 – 30 MHz, 50 – 71 MHz, 2x 16 bit ADC

**Order designation Pocket C2**

**Price: €1,590.00**

0 – 30 MHz, 50 – 71 MHz, 87 – 110 MHz, 130 – 156 MHz, DAB(+), 2x 16 bit ADC

**Order designation Pocket C4**

**Price: €1,890.00**

0 – 30 MHz, 50 – 71 MHz, 87 – 110 MHz, 130 – 156 MHz, DAB(+), Exciter 100 kHz – 156 MHz / 2 mW, 2x 16 bit ADC

**Activation optional equipment "Broadband spectrum"**

**Price: €100.00**

Extension of the displayable spectrum range up to a maximum of 52.6 MHz width (depending on the active frequency range).

**Activation optional equipment "High-end FM"**

**Price: €100.00**

4 additional filters for the VHF range with very high selectivity and stereo reception with the highest possible quality.

**Upgrading Flash Recorder to 8 GB (+4 GB):**

**Price: €50.00**

Double storage capacity for longer recordings of broadband signals (IQ baseband).

**Screen dump of display images into the flash recorder:**

**Price: €50.00**

**Replacement of the internal Li-Ion accumulators**

**Price: €79.00**

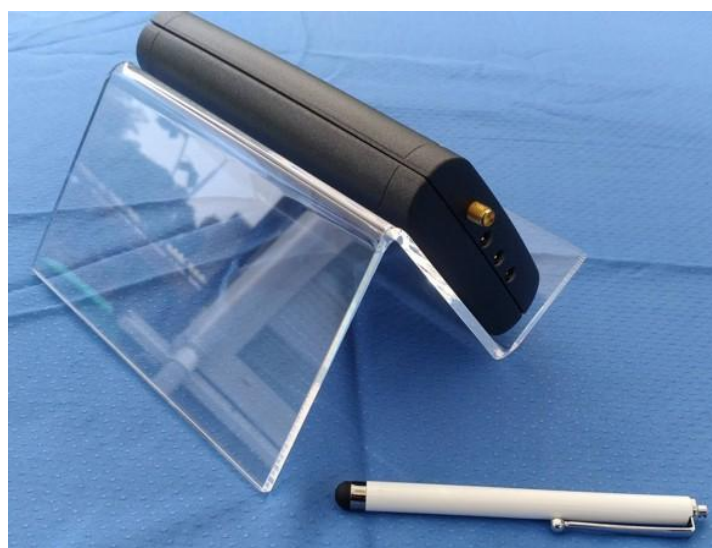
Disposal of used batteries and installation of 2 new batteries 2.6 Ah / 3.8 V.

**Additional cables (charging cable or SMA / BNC adapter cable):**

**Price each: €30.00**

**Standing aid for Pocket:**

**Price: €15.00**



## Reuter sPocket



### Mobile device with advanced features:

- 10.1" (256 mm) full HD display with touchscreen (tablet computer, removable)
- High-quality encoder as "scroll wheel" (solid stainless steel, with ball bearings)
- Signal processing 10 Hz spectral resolution at 40 spectra/sec, optionally up to 2.5 Hz
- 164 kHz spectrum width, optional broadband spectrum up to 52.6 MHz viewing width
- Optional FM / DAB extension, optional FM special filter
- Optional broadband exciter 100 kHz - 156 MHz / 15 - 100 mW **only with** FM module
- Optional 4x 16 bit ADC (total 18 bit)
- Power supply from tablet battery (RX only) or external 9.0...14.5 V

Supplied with: Adapter cable SMC / BNC (socket), charging cable 2.5 mm hollow pin / 4 mm laboratory ("banana") plug, Bluetooth / WiFi antenna, active GPS antenna (weatherproof, with long cable).

### Order designation sPocket C1

Price: €1,750.00

0 – 30 MHz, 50 – 71 MHz, 2x 16 bit ADC

### Order designation sPocket C2

Price: €1,999.00

0 – 30 MHz, 50 – 71 MHz, 87 – 110 MHz, 130 – 156 MHz, DAB(+), 2x 16 bit ADC

### Order designation sPocket C4

Price: €2,450.00

0 – 30 MHz, 50 – 71 MHz, 87 – 110 MHz, 130 – 156 MHz, DAB(+), Exciter 100 kHz – 156 MHz / 100 mW, 2x 16 bit ADC



**Order designation sPocket D1****Price: €1,950.00**

0 – 30 MHz, 50 – 71 MHz, 4x 16 bit ADC

**Order designation sPocket D2****Price: €2,250.00**

0 – 30 MHz, 50 – 71 MHz, 87 – 110 MHz, 130 – 156 MHz, DAB(+), 4x 16 bit ADC

**Order designation sPocket D4****Price: €2,650.00**

0 – 30 MHz, 50 – 71 MHz, 87 – 110 MHz, 130 – 156 MHz, DAB(+), Exciter 100 kHz – 156 MHz / 100 mW, 4x 16 bit ADC

**Activation optional equipment "Broadband spectrum"****Price: €100.00**

Extension of the displayable spectrum range up to a maximum of 52.6 MHz width (depending on the active frequency range).

**Activation optional equipment "High-end FM"****Price: €100.00**

4 additional filters for the VHF range with very high selectivity and stereo reception with the highest possible quality.

**Activation optional equipment "2.5 Hz Resolution"****Price: €100.00**

Quadrupling the standard resolution to 2.5 Hz / line.

**Powerpack >= 10 Ah with 12 V switch (incl. cable for sPocket/RLFA): Price: €69.00**  
**(Not individually, only available together with (s)Pocket or RLA4 / RFA1!**  
**An additional charging cable is required for the Reuter Pocket!)****Plug-in switching power supply 12.0 V / 1 A with Lemo plug for Pocket: Price: €49.00**

## RDR-160E "Champagne"



### **Fully digital HiFi tuner for AM and FM radio reception up to 108 MHz**

Available in two versions: As a pure HiFi FM stereo tuner, as well as with additional AM radio reception 100 kHz - 30 MHz.

Always equipped with 18-bit quad-ADC RAD18E and 24-bit HiFi DAC RDA31B (line-out + high-power headphones).

**RDR-160E1: FM 3 m broadcast band 87.5 - 108 MHz: €5,900.00**

**RDR-160E2: 3 m FM + AM 100 kHz - 30 MHz: €6,900.00**

**Delivery time: Made to order.**

Front panel of the RDR160 either black (standard) or natural anodized aluminum, other colors on request. The body is always black powder coated.

Supplied with: USB cable, power cable, adapter cable SMB to BNC (2 cables for devices with AM range), manual and current software on USB stick.

## Cross-Loop Antenna RLA4



### **Magnetic cross-loop antenna RLA4D for indoor and conditional outdoor operation**

- Interior or mobile outdoor use, not permanently weatherproof.
- 50 ohm BNC output, broadband reception 50 kHz - 71 MHz, usable from approx. 20 kHz.
- Multilayer FR4 stainless steel or coaxial cross-loop 36 - 52 cm, easily interchangeable.
- DC supply 12.0 V at the antenna
- Remote supply via HF cable and electronic direction switching.
- Amplifier board without housing and loop available for DIY purposes.

**Complete antenna RLA4D without power supply / remote feed switch      Price: €399.00**

**Amplifier board RLA4H without housing / loop / accessories:                      Price: €180.00**

**Plug-in power supply 230 V ~, linear 12.0 V / 0.2 A:                                      Price: €49.00**

**Control unit RSW2 for RLA4 with electronic rotation:                                      Price: €99.00**





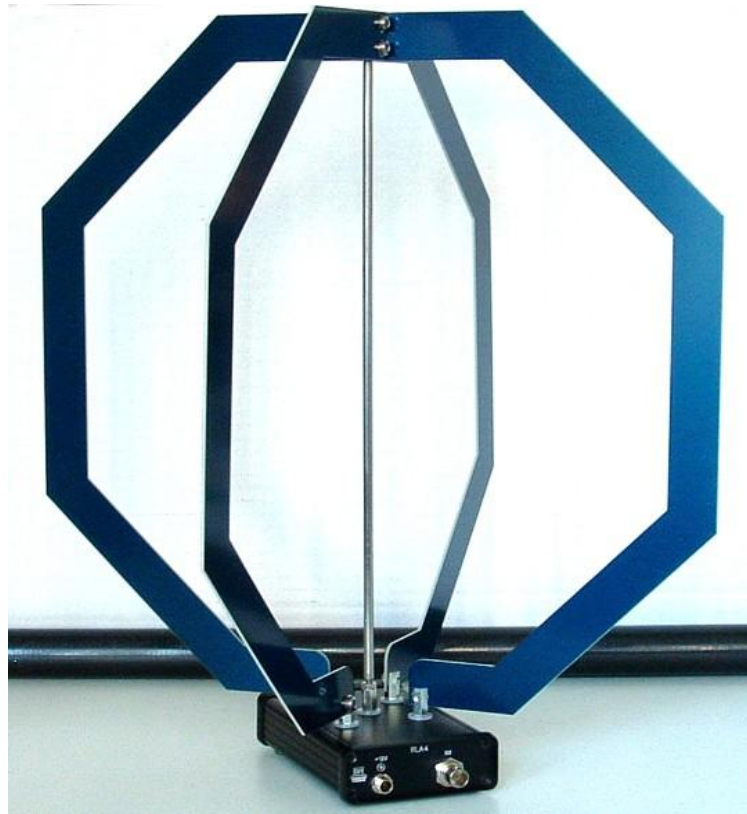
**Control unit RSW3 for RLA4 with remote control via WiFi:**

**Price: €199.00**

**Control unit RSW4 with optical encoder and on / off switch:  
for RLA4 or RFA1**

**Price: €249.00**

**(RSWs not available individually, only together with antenna or board!)**



**Antenna RLA4E "Blue Edition":**

**Price: €499.00**

- Black case and metallic blue reception frame.
- Frame in multilayer technology with additional shield layers, extremely low-interference due to complete shielding of the reception loops.



**Antenna RLA4F:**

**Price: €399.00**

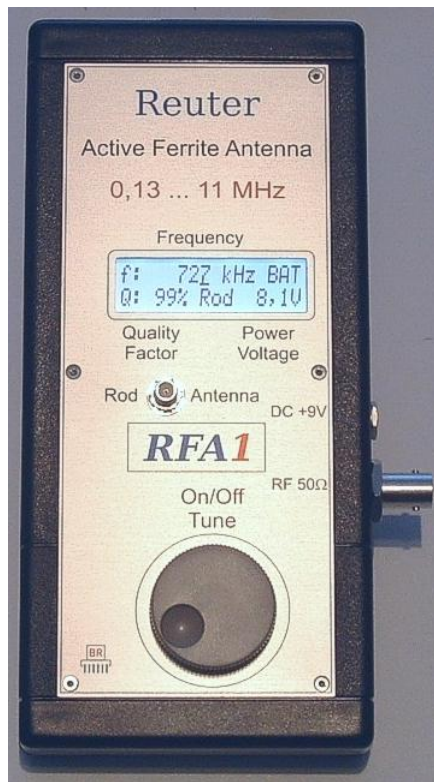
- Black case and loops made of flexible stainless steel bands.
- Quick disassembly / assembly with knurled nuts.
- Reception power like RLA4D with minor restrictions on higher SW bands.



**Antenna RLA4G:**

**Price: €599.00**

- Weatherproof construction with loops made of UV and moisture-proof coaxial cable.
- Fully shielded for the highest possible noise suppression.
- Reception performance like RLA4E with a slightly lower level above 30 MHz.



**RFA1A active ferrite antenna remote controllable + built-in control unit: Price: €399.00**



**RFA1B active ferrite antenna remote controllable with RSW4 or receiver: Price: €299.00**



**RPP1 passive power splitter / combiner 0.1 - 150 MHz max. 2W:**

**Price: €99.00**

K & M Burkhard Reuter Ziegelstraße 54 06862 Dessau-Roßlau [www.Reuter-Elektronik.com](http://www.Reuter-Elektronik.com)

Price list RDR55 / 160 / (s)Pocket / RLA4 / RFA1, effective from 24.04.2021





**RVV1 2-channel broadband amplifier 1 kHz - 40 MHz:**

**Price: €199.00**

Adjustable dual signal amplifier for measurement purposes or as a preamplifier for insensitive receivers (e.g. tube radios), max. 26 dB / channel, 3 V<sub>eff</sub> output (no load), IP3<sub>out</sub> +34 dBm @ 10 MHz, inherent noise -150 ... -140 dBm/Hz Channel 1 / -140 dBm / Hz Channel 2, 12 V / 50 mA.

## Additional options and modules for extensions and retrofits

Rotary encoder with needle bearing and magnetic detent for RDR55 instead of the optical encoder without detent.

**Additional cost when ordering a new RDR55 device: €+200.00**  
**Subsequent RDR55 retrofitting to magnetic encoder: €+300.00**

---

Muting switch module RAS12 for connecting an RDR55 to internal / external transmitters.

Supplied with 2 connection cables SMB / SMB for connection to ADC module RAD18.

**Module RAS12A for RDR55 with integrated preamplifier: €290.00**  
**Module RAS12B for RDR55 without preamplifier: €150.00**  
**Module RAS12C/D for RDR55 with RX/TX switch 5 W: €200.00**

---

DAC module RDA31 with 2x AF output 0 - 40 kHz, optional headphone output or RF output 0 – 154 MHz and PTT output for RDR55.

**Module RDA31B with L / R Cinch and high-power headphone amplifier: €590.00**  
(HiFi output of time based demodulators for RDR55 and 160.)

**Module RDA31D1 with 10 mW RF output 0.1 – 54 MHz and PTT Out: €590.00**

**Module RDA31D2 with 2.5 mW output 0 – 154 MHz, -120 ... +4 dBm output 0 – 154 MHz and PTT Out: €650.00**

**Module RDA31D3 with 2.5 mW output 0 – 154 MHz, 0.5 W output 0.1 – 30 MHz / 0.25 W 50 – 71 MHz and PTT Out: €690.00**

**Module RDA31D4: as D3, + 4 bit "Yaesu" band switching output for PA: €750.00**

**Module RDA31D5: as D4, but 0.1 W 1.8 – 156 Mhz €750.00**

Adapter box for leading out microphone (6.35 mm jack balanced), PTT, key and + 5V (each 3.5 mm jack) from RJ-45 microphone jack, incl. 0.5 m RJ-45 cable.

**MAB5A for RDR55 : €99.00**

---

Upgrade Kit RDR54 to RDR55: Housing, front panel with display and graphics card FGC2, switch, speaker, encoder, 4 rear module front panels for standard modules (RAD17/18, blank panel, RDR25/35, RPS25/30).

**Upgrade kit RDR54 to RDR55 incl. conversion and reprogramming: €890.00**

**Additional front panels (for additional installed modules): each €50.00**

Modules RDR35D + FDA21B for upgrading older devices to RDR55E (new SBSP).

**Module RDR35D (WiFi and GPS): €650.00**

**Module FDA21B without front panel and loudspeaker: €450.00**

---

<b>Module RAD17F with RLA / RFA remote control option (for RDR55):</b>	<b>€599.00</b>
<b>Module RAD18F with RLA / RFA remote control option (for RDR55):</b>	<b>€999.00</b>
<b>Module RPS30D (switching power supply 30 VA, 100 ... 240 V~):</b>	<b>€590.00</b>
Additional cost RPS50D (50 VA):	+ € 150
<b>Blank panel for RDR55 (specify dimension in number of free slots!):</b>	<b>€30.00</b>
<b>Adapter cable SMB to BNC (socket) or N (plug), length approx. 30 cm:</b>	<b>€30.00</b>
<hr/>	
<b>Service fee for software updates and similar small work:</b>	<b>€59.00</b>
<hr/>	

### **Notes:**

Delivery only within the EU!

Foreign entrepreneurs with valid VAT ID are tax-free, otherwise including currently valid German VAT.

All prices include VAT, plus shipping costs plus COD charge plus DHL delivery fee (within Germany). Outside Germany only against payment in advance! Shipping within Germany by cash on delivery only up to max. Euro 1,600.00, otherwise always in advance!

No shipping costs at prepayment for orders over €500.00, otherwise € 15.00 for shipping.

For orders up to €500.00, shipping costs of € 15,00 always apply.

Order by email or fax. A contract is only concluded with our written (email / fax) order confirmation! Our General Terms and Conditions apply ([www.Reuter-Elektronik.com](http://www.Reuter-Elektronik.com)), which we can send you on request (against return postage of € 1.60) in paper form!