



APR450/480 – The compact handheld with RFID and Barcode

The portable readers APR450 and APR480 of Agrident combine an ISO 11785 RFID reader, a barcode reader and an alphanumeric keypad for easy data collection and are nevertheless so small that they fit even into a shirt pocket. The IP64 housing of the APR450/480

is very handy and easy to operate even under worse conditions. The FLASH Memory capacity of 5000 IDs is sufficient for more than a days work. The data are protected even when the battery fails. The APR480 has an additional Bluetooth Class 2 interface.

Advantages of the APR450/480 readers

- Combines a RFID reader with a laser barcode engine and an alphanumeric keypad with 26 keys.
- The RFID Reader is compatible to the ISO Standard 11785 and read FDX-B and HDX with good reading range. Tags with the widely used chip type H4002 can be read optionally.
- The laser barcode engine read the most widely used barcodes like 2 of 5, Code 39, Code 128, UPC, EAN 8/13
- Downloadable user-defined action codes can be combined with values via the keypad. The action code can be either a number or free programmable alphanumeric text. With the "Action code plus" function an additional value can be saved.
- A look-up table can be downloaded to show animal live numbers or farm numbers additional to the transponder ID.
- With the ASSIGN function the animal ID and the transponder ID can be assigned in the field. The animal ID can be added from a downloadable list or the keypad.
- The two HOTKEYS of the APR450/480 can be programmed individually and combined with a special action code to make recurrent work more convenient.
- The memory is sufficient for 2000 IDs, including Alias (e.g. animal ID), time stamp and action code which is protected if the battery fails.
- Due to the handy design and the pocket size of its robust IP 64 case the reader is very comfortable even under worse conditions.
- The large backlit Display has 2 x 16 Characters and is very readable.
- An ergonomic mobile phone style Keyboard with 26 Keys ensure easy and comfortable operation.
- The APR450/480 is prepared for data communication, power supply and recharge via the optional USB Docking Station ADS200.
- For convenient power management the AA Type batteries can be replaced, a car adaptor for recharge is available.
- The APR480 has an additional integrated Class 2 Bluetooth module that enables wireless communication with computers up to 10 m.

Technical Data APR450/480

Frequency	134.2 KHz
Transponder types	HDX compatible (ISO 11784/5) FDX-B compatible (ISO 11784/5) H4002 compatible (optional)
Reading range	Approx. 25cm with HDX transponder of ø 30 mm Approx. 18cm with FDX-B Transponder of ø 30 mm Depending on transponder type
Barcode Reader	Laser barcode engine 2 of 5, Code 39, Code 128, UPC, EAN 8/13, etc.
Interfaces	USB with optional docking station ADS200
Power supply	2 x 1.5V AA rechargeable Mignon Batteries External power supply and recharge with ADS200 (wireless)
Protection	IP 64
Temperature range	-10 bis to 60°C
Dimensions	L x W x H: 175 x 90 x 36 mm
Weight	APR450 approx. 330 g APR480 approx. 380 g
Approvals	CE, FCC part 15 class A (APR450 only), Canada Industry Standard, CCIA, JRC



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