

# NP1 Audio Powering Racks

## APR for Audio 2000/2020 Radio Mics

### APR-1

This unique product has been designed to provide an all in one powering solution using the Audio Ltd 2000/2020 UHF Radio Mic system.

#### **SPECIFICATIONS:**

DC Input:	Any Voltage (NP1 Type)
DC Outputs:	2 x Nominal Hirose 12VDC
Other Aux:	2 x Regulated Hirose 9.5VDC
Freq:	UK Freq - 850~863Mhz (Other Frequencies Available to Order)



#### **DIMENSIONS & WEIGHT:**

Length:	22.5cm
Width:	13.5cm
Depth:	5.0cm
Weight:	760g

#### **FEATURES:**

- Suitable for Audio 2000/2020 Radio Mics Only
- Gold SMA Sockets for Antennas
- Power Consumption of 70mA (130mA each UHF Receiver)
- Radio Mic Power Switches
- 3A Multifuse / Aux's 1.1A
- Flashing LED "Low Voltage Warning"
- 2 Hirose 9.5VDC Regulated Outputs
- 2 Hirose 12VDC Nominal Outputs
- Colour Coded Audio Output Cables
- User Selectable Battery Warning Level
- Built-In Distribution Amplifiers

The APR-1 rack is made from a combination of aluminium and a lightweight high impact ABS material making this product both durable and lightweight at just 760g. The APR-1 fits perfectly into most bags with all the necessary operating switches and controls provided on the top of the unit.

The APR-1 is fitted with Audio Ltd's own filtered RF distribution amplifiers so that only two antennae are needed for maintaining perfect operation. Fitting Audio's own DA's ensures you maintain superb sound quality with total compatibility.

Colour coded output audio cables are supplied and fitted directly to the rack. The output cables are fitted to the rack using spiral strain relief bushes and are also recessed to provide yet further protection.

DC outputs are provided on both sides of the APR-1 rack. On one end directly above the audio outputs there are two Hirose sockets offering unregulated power at a nominal battery voltage of 12 volts, these can be used for powering a mixer, a DAT machine or similar 12V equipment. On the opposite end of the APR-1 are a further two Hirose sockets offering a regulated 9.5 Volts intended for powering additional receivers or transmitters.

Continued Overleaf...

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The APR-1 has been designed around a NP1 battery system. The NP1 battery slots directly and securely into the middle of the APR-1 giving a perfect balance to the sound mans bag system.

Most if not all NP1 types are suitable for use in the APR-1 this is due to the racks ability to regulate the voltage supply to the Audio receivers at a constant 9.5 volts.

For ease of use a main power switch and indication is fitted directly to the top of the rack, this can be used for powering down the whole system when not in use, saving the batteries power and therefore increasing running time.

To protect the battery from being over discharged and to warn of a low remaining battery capacity a flashing LED is also fitted adjacent to the main on-off switch. The level for indication is set for battery type via a slide switch recessed into the back panel.

## APR for Audio CX-iR Radio Mics

### APR-2

#### **SPECIFICATIONS:**

DC Input: Any Voltage (NP1 Type)  
DC Outputs: 2 x Hirose / Fused 1.1A

#### **DIMENSIONS & WEIGHT:**

Length: 14cm  
Width: 16cm  
Depth: 5.0cm  
  
Weight: 440g



The APR-2 is the perfect powering solution for 2 x Cx-iR radios in a bag. Similar to the APR-1 the APR-2 has power distribution for powering extra kit other than the radios.

The APR-2 is not regulated as the Cx-iR receivers will accept an input voltage of 8.5-18VDC.

The APR-2 is available with fixed audio 3 Pin XLR cables or a single 5 Pin XLR (Chassis Mounted). This 5pin XLR connector is intended for use in a Mini-DV bag, this option is available made to order.

The Cx-iR radio plugs directly into the APR-2 via a 15way D Connector.

As with the APR-1, the APR-2 is fitted with a main power switch and indication fitted directly to the top of the rack, this can be used for powering down the whole system when not in use, saving the batteries power and therefore increasing running time.

## Associated Products (AD-NP1)

The AD-NP1 is a battery adaptor which can be used in conjunction with either of the APR's to expand the powering solutions for the racks. By inserting the AD-NP1 (in place of a NP1 battery) the operator can utilise either the XLR4 Plug or BP-90 (2.1mm) socket to provide power to their rack. This valuable piece of equipment allows the use of other types of batteries, or even a mains unit (For static use) saving the power of NP1's for portable use only.



Briscall House, Wotton Road, Kingsnorth Industrial Estate, Ashford, Kent, TN23 6LW, United Kingdom.  
Tel: +44 (0) 1233-638715 Fax: +44 (0) 1233-638747

Email: [Sales@hawkwoods.com](mailto:Sales@hawkwoods.com) Web Site: [www.hawkwoods.com](http://www.hawkwoods.com)