



RACK
SYSTEMS

A Sound Investment



The Audio RK4 Rack and RK2 Minirack Systems

Rack up a great recording

On location, you never get a second chance.

Unless you're using Audio's Rack Systems.

Two specially designed, ruggedly built rack units.

The four receiver RK4. And the two receiver RK2 Minirack.



Take the Audio RK2 Minirack for example.

It's designed specifically for situations where you need to be mobile. The Minirack allows you to mount two DX2020 or two DX2000 diversity receivers in one neat, highly portable unit – without the need for a mass of antennae and trailing cables.

And the unit's casing is custom machined from

solid and sheet

aluminium and

Delrin™ parts,

so it's strong but

also low in weight,

making it perfect

for documentary,

ENG work and film.

The RK4 is the

larger four unit

rack system which

powers all four

receivers from one

source while monitoring the RF's levels and battery

power of the active transmitters.

Both rack units are easy to use and built to be

reliable. Wherever you take them.

**Audio's
Rack
Systems
add
reliability
to great
sound
quality**



Audio Racks incorporate Audio's custom Quick-Fit™ system into their design. The receivers simply slot in and out, picking up all connections from hidden multiway connectors within the unit. Duplicate six pin Lemo™ connectors on the RK2 also mean that you can use standard cables.

On the RK4, LED bargraphs allow you to monitor the RF signal strength on two receivers simultaneously and TX battery condition on all four receivers, whilst switching between the four receivers is simple with the large easy-press colour coded buttons.

Whatever the application – ENG, documentary, outside broadcast or studio, the RK2 and RK4, with the RMS 2020, combine to give you a totally flexible solution.



**32 CHANNELS
OF TOTALLY
FLEXIBLE SOUND**

Even on complex multi-camera shoots, the RMS 2020 radio microphone system will give you real flexibility, ground-breakingly clear sound and superb reliability.

It's a 32 channel synthesised diversity system which is incredibly compact. The receiver measures 147mm x 64mm x 20mm and weighs 250 grams. The transmitter is even smaller – just 87mm x 60mm x 21mm and 115 grams.

It incorporates the latest surface-mount technology, including a specially designed, microprocessor-controlled synthesiser and has been produced to meet the toughest

type approval specifications. It's also fully compatible with the full range of Audio Limited accessories already available to

RMS 2000 users, including the two Audio Rack Systems shown in this brochure.

Perfect sound. Absolute reliability.

Total flexibility. The RMS 2020.



Custom-made brackets allow two RK4 racks to be combined to fit into a standard 19" rack frame. Aux RF outputs allow two or more RK4 racks to be cascaded together, with the RF signal being supplied from only one set of antennae.

Aux DC output socket allows the RK2 or accessories to be powered directly from the RK4.

The antennae sockets allow direct phantom powering of mast-head amplifiers from the RK4 to minimise cable losses for those applications requiring long cable runs.

Both racks are over voltage and reverse power protected.

RK4 RACK SPECIFICATIONS

Size	:	200 x 225 x 132mm
Weight	:	2.9kg (excluding batteries)
Number of slots	:	4 (taking up to 4 DX2020 or DX2000 receivers)
Antennae sockets	:	2 x BNC input socket
Frequency range of active distribution amplifier	:	To order (in either VHF or UHF ranges)
Aux RF output	:	2 x BNC RF outputs available to link to RK4 or RK2
Outputs available	:	4 standard XLR connectors at rear giving fully floating transformer balanced microphone level outputs ¼ inch jack headphone monitor output
Batteries required	:	6 "D" cells (dry or nicad)
External power	:	9-20V DC on a standard 4 pin XLR
Aux DC output	:	1 x 4 pin Hirose™ socket providing external DC
Display	:	5 LED bargraphs showing RF levels, transmitter battery and RK4 power status
Other features	:	Shrouded internal/off/external power switch Rotary headphone level control Phase change switch on each XLR output

RK2 MINIRACK SPECIFICATIONS

Size	:	168 x 151 x 30mm (plus 12mm for connector block)
Weight	:	650g
Number of slots	:	2 (taking up to 2 DX2020 or DX2000 receivers)
Antennae connectors	:	2 x SMA
Frequency range of active distribution amplifier	:	To order (in either VHF or UHF ranges)
Output connectors	:	2 x 6 pin Lemo™ uses standard receiver output cable
Power input	:	4 pin Hirose™ connector. Power input is also available via the Lemo™ connectors
Supply voltage range	:	10-16VDC
Current consumption	:	80mA (plus 130mA for each UHF receiver)
Other features	:	Reverse power protection fitted Audio phase change switches

As we are constantly seeking to further improve our products, we reserve the right to alter specifications.



RADIO MICROPHONE SYSTEMS

Sound Designed