

# Allen & Heath Zed R16



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## ALLEN & HEATH

PROFESSIONAL MIXING CONSOLES

De Britten van Allen&Heath presenteren een nieuwe telg in de populaire ZED reeks. De Zed-R16 is speciaal gericht op recording. Deze mixer combineert een analoge recording mixer met een FireWire geluidskaart, MIDI controls en ingenieuze "home studio" routing. Je kunt hem dus gebruiken om tracks te bouwen in de studio, om live optredens op te nemen, voor de mix down, remix,... dit alles via een warm analogoog circuit, 4 band volledig parametrische klassieke britse EQ en eruit in een kristalhelder, precies digitaal formaat!

Prijs binnenkort gekend, hou de site in de gaten! (all-zedr16)



### In the studio

ZED-R16 combines an imaginative feature set with professional build quality to create the ideal centrepiece for any project studio with big ideas, or larger studios with dedicated live rooms.. Control room speaker and alternate speaker outputs, plus two separate artist monitor feeds are provided. In addition to the digital inter face, two analogue recording outputs are also available. The ZED-R16 even has a dedicated internal condenser talkback mic. Features such as the dual function audio/MIDI faders and built in sequencer transport were dreamed up by engineers here at A&H who have home studios themselves, so they've made sure they've built in features they really need.

## Soundcard

The internal soundcard features 18 FireWire inputs and 18 outputs plus 16 ADAT I/O. Each channel on the mixer has its own independent soundcard channel so instruments can be recorded simultaneously (pre or post EQ) and into the sequencer separately. To minimise clock jitter and provide synchronicity between the ZED-R16 and other devices, the mixer is equipped with the professional JetPLL™ digital audio chipset.

## Mix-down and live

In addition to multi-track recording, the ZED-R16 allows mixing down in analogue, then recording back into the computer in digital. The bundled SONAR LE software makes this a breeze. The story doesn't stop here however - ZED-R16 can be a versatile live FOH mixer too. In this mode, its 4 aux buses become foldback feeds and FX sends, and the main XLR outputs feed the PA system. Recording the live gig is straightforward; the record feed signal can be easily assigned using the four buttons next to the faders.



## Preamp

The ZED-R16's pre-amp, which has been specially designed for this application, has a symmetrical ultra linear circuit. The best epitaxial low noise transistors are used in the front end, and active feedback is employed in both phases before the differential amplifier. This results in super-low distortion, while maintaining low noise (-128.5dBu EIN), high CMRR, and a transparent and beautiful sounding pre-amp.

## EQ section

Complete with two swept, fully parametric mids, and high and low shelving EQ, the ZED-R16 has a sophisticated equalisation section without rival in this section of the market. It has much in common with our class-leading pro touring mixers. Forty years of analogue mixer design has given us an unparalleled knowledge of filtering.

## Auxiliary sends

Two pre and two post aux buses can be used as feeds for headphone amplifiers in the studio, FX sends anywhere, or wedge foldback live. The talkback function is either routed to the aux or studio outputs, so is ideal for any environment.



## FireWire flexibility

The digital audio connections are all present on the rear of the desk. Two FireWire connectors allow the ZED-R16 to be connected to a personal computer whilst the second socket daisy chains devices. Two switches change the sample rate and routing selection, while 4 connectors allow input and output to ADAT equipment.



## ADAT

In addition to the Firewire input and output, the ZED-R16 has 4 ADAT optical sockets. The I/O routing on the ZED-R16 is identical for the Firewire channels and the ADAT optical connection. With a combination of panel switches, the mixer is capable of an incredible 26 simultaneous inputs and outputs. Feed the ZED-R16 from ADAT lightpipe equipment, or record directly out from 16 channels to 2 ADAT machines, or to another soundcard.



## MIDI software control

The MIDI section on the ZE ZED-R has been designed to control software transport, with extra mappable controllers ready to be user-assigned. With recording now truly in the digital age, ZED-R16 brings the home studio bang up to date.

In addition to the ZED-R16's dedicated MIDI controls, all of the channel faders can be switched to become MIDI controllers.

### **Monitor section**

The ZED-R has two signal paths for monitoring: an output for main control room monitors and outputs for an alternative set of monitors for checking mixes. The control room mix can follow either of the two main analogue outputs or the digital main mix, allowing access to all main audio outputs.



### **Build**

The ZED-R16 has been designed using individual vertically mounted circuit boards with each rotary control fixed with a metal nut to the front panel - making a much more robust product that will resist damage and give years of reliable use. ZED-R16 also has professional 60mm faders for ultimate control over your levels.



### **SONAR LE - provided Free!**

#### **Studio feeds**

Similar to the matrix function on A&H ML, GL and Wizard mixers, two separate live room mix feeds can be individually fed from aux buses or the LR main mix. Foldback to the musicians can be tailored to give the bassist a drum heavy mix and the vocalist (in a separate booth) more keys...

Info onder voorbehoud

Alle prijzen zijn btw 21% inbegrepen, bruto catalogus prijs