

### COMPRESSOR/LIMITER.

This new stereo compressor/limiter gives you complete dynamic control over any level. Separate adjustment for Threshold / Ratio / Attack / Release and Make up Gain, plus soft knee control makes this new VCA driven device the ultimate tool for your applications.

#### Specs:

Attack: from 50uSec up to 20mSec.  
 Release: from 25mSec up to 5 Sec.  
 Ratio: from 1:1 up to 50:1  
 Distortion: < 0.027 (20dB gain red.)

### MIC-AMP.

This two channel balanced microphone pre-amp is designed for high-end recording where transparency and superb brilliance is a necessity. Integral phantom power and phase switching is standard. It's one of the best available mic pre-amps.

#### Specs:

Noise: -129.00 dB A-Weighted.  
 Distortion: Lower than 0.0015%.

### TELEPHONE HYBRID.

D&R's newest Telephone Hybrid is an interface between a standard telephone line and a mixing console. Its purpose is to enable to record or broadcast a conversation between a caller and a presenter in an easy way. Superb audio separation between in and outgoing signals are achieved by carefully designed internal circuitry. It is a problem solver for changing two wire communication into a four wire system with separate in and outputs.

#### Specs:

Output: balanced mic level -20dB.  
 Input: Line level 0 dBu balanced.  
 R/C balance: fully adjustable  
 Separation: more than 30dB.

### TIMER.

The new D&R Timer / Clock is a software based precision timing processor designed for the Airmix broadcast console. An external input for a DCF receiver improves the already very exact clock by a magnitude.

Ergonomically this timer is a very easy to use product due to dedicated push-buttons for almost every function.

#### Specs:

Count-up/down mode, Intro time mode. Start/stop functions externally controllable. Manual adjustments of start/stop times. Various display and check modes. Interfacing by sealed reed relays. All modes with LED display.

# SIGNAL PROCESSORS



Rijnkade 15B,  
 1382 GS Weesp-Holland  
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### 48 WAY PATCHBAY.

The D&R 48 way patchbay is a low cost, highly reliable 19" version of the popular 1/4" jack to jack connection systems.

Both rows are break jack sockets in silver/nickel plating to accommodate any wiring scheme. Normalling is possible between upper and lower row by means of straight copper bus bars between the two printed circuit boards.

#### Specs:

48 pcs of 1/4 " stereo/break jacks.  
Solder pads for ease of wiring.

### PHASE METER.

The D&R phase meter indicates the phase relationship between its two inputs from 0 degrees up to 180 degrees in 11 steps.

0 to 90 degrees is indicated by green LED's to show acceptability for mono compatibility, while phase differences between 90 degrees and 180 degrees are indicated in red LED's to clearly show out of phase signals.

#### Specs.

Attack: 300 mSec (Vu type of reading)  
Release: 300 mSec (Vu type of reading)  
Reading: between -20dB/+20dB when both input signals are present. There is no reading with only one input signal.  
Power: 115/230volt, 50/60Hz.

### PHANTOM POWER UNIT.

This 19" rack mounting unit provides for 6 condenser Mics an ultra smooth 48 volt supply. All in and outputs are on balanced Female/Male XLR's.

#### Specs.

Inputs: balanced on female XLR.  
Outputs: balanced on male XLR.  
Power supply: 115/230 volt 50/60Hz.

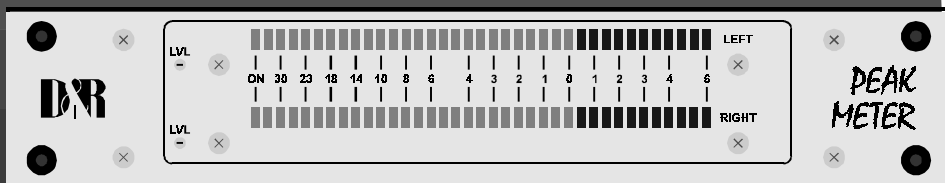
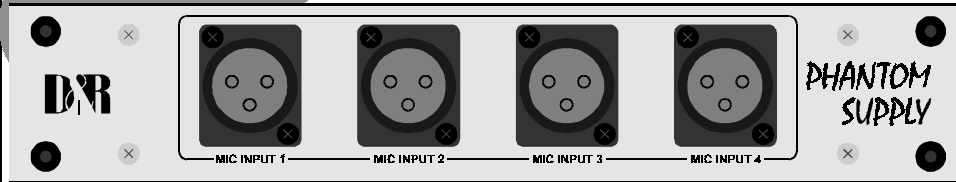
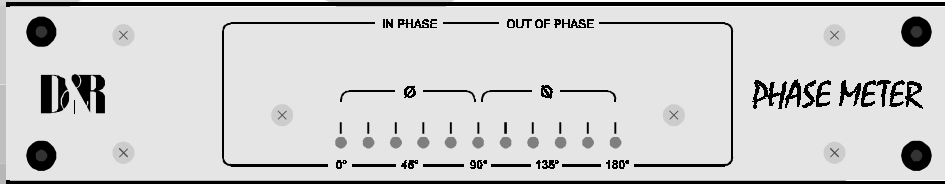
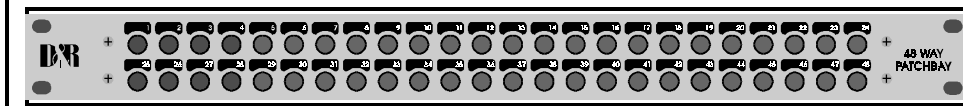
### HIGH RESOLUTION STEREO LEDBAR.

D&R's stereo 37 segment ledbar is a high resolution peak reading meter to indicate audio signals with attack and release times conforming international standards.

#### Specs:

Attack: -20dB to 0 dB, 1 mSec  
Release: 1.5 Sec for 20dB  
Impedance: 10kOhm  
Power: 115/230volt 50/60Hz

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