



## CONCEPT

## TECHNICAL DATA

Signal/Noise....>95dBu (unwgted 22Hz-22KHz)  
Crosstalk Damping.....>85dB (Line)  
THD.....<0.01% (Line)  
Frequency response.....20Hz – 20 kHz  
AC IN .....115V/230~ 50/60Hz  
Power consumption.....max. 20W  
Dimensions.....W483xH44.5xD162.0mm  
Weight.....2.40 kg

## LOGISTICS DATA

Order Number.....2013401  
Single unit EAN-13.....5060502920577  
Single Carton size.....535x255x90mm  
Single Carton gross weight.....2.9kg  
Units per master carton.....4  
Master carton size.....560x285x390mm  
Master carton gross weight.....12.5kg

The RPD-2200 is dual dynamics processor which can operate as two independent single units or as linked units for stereo signal treatment. It covers all dynamic processing requirements in studio recording and live sound from compression over noise reduction to peak limiting and even offers specialty processing such as de-essing, contour filtering of low frequencies, dynamic enhancement to counteract high frequency loss, and a "warmth" function to add extra harmonic sonic content to the signal. To keep the use of the vast possibilities intuitive, some of the settings can be automated at the user's choice, like the "auto-knee" function which offers program-adaptive compression to combine the advantages of hard and soft-knee compression, and the "auto-time" function which sets suitable attack- and release times automatically. For further clarity, all signal levels and gain reductions are visually displayed by precise LED meters. Being fully analog, the RPD-2200 works on an impressive 20dB headroom which sets it far apart from anything a digital dynamics processor could do. A side chain with switchable monitoring function completes the feature set of this truly versatile all-in-one dynamics "mastermind".

## FEATURES

- Dual dynamics processor with link switch for stereo operation
- Manual compressor setting for threshold (-40 | +20 dB), ratio ( $\infty:1$  | 1:1), attack (0.3 | 300 ms) and release (0.05 | 5 s)
- Switchable "Auto-Knee" program-adaptive compression circuitry
- Switchable "Auto-Time" setting of attack and release times
- De-Esser section with switchable voice gender (female: 8.6 kHz, male: 7.5 kHz) and variable level reduction (max. 15dB)
- Expander/gate section with interactive ratio, variable threshold (off to +10dB), switchable release time (slow: 100 msec/1 dB, fast: 100 msec/100 dB)
- Switchable dynamic enhancer to compensate for high frequency loss by boosting content above 2.5kHz
- Switchable Warmth function for added harmonic content
- Switchable LowContour filter
- Automatic peak limiting section
- Side chain input with switchable monitor function
- 12-segment LED meters for in/out levels and gain reduction
- Dedicated Threshold and De-Esser level displays
- Balanced inputs and outputs with 1/4" TRS and XLR connectors
- Relay-based bypass function with failsafe mode
- All switches with LED status indicator
- Internal wide-voltage swing linear power supply for excellent audio dynamics
- Full metal case with detachable rack ears
- AC mains voltage selector switch 115/230V
- CE/ROHS compliant

