

DLP6

Product 285



Description

- Professional digital loudspeaker management processor based on dual 24bit DSP technology
- Used to tune your loudspeakers to perfection!
- 2 inputs and 6 outputs with full matrix routing capability
- Both inputs have:
 - 6 Band equalizer (parametric, high shelf, low shelf)
 - Delay (adjustable up to 682ms [= 235m] in 21us steps)
- All 6 outputs have:
 - Crossover (Linkwitz/Riley, Bessel, Butterworth) with adjustable slope (12 / 18 / 24 and 48dB/oct)
 - 4 Band equalizer (parametric, high shelf, low shelf)
 - Delay (adjustable up to 21,31ms [= 7,3m] in 21us steps)
 - Phase reverse
 - Limiter (adjustable attack, release, threshold and hold time)
- 30 different speaker setups can be stored in memory
- USB and RS485 connection for firmware updates and parameter setup via PC
- Complete Windows® software included with visually attractive and easy setup capabilities
- Soft power on operation to avoid disturbing clicks
- Clear blue 2x20 character back light LCD display
- High quality components and rugged construction make it road proof
- Balanced XLR in/outputs
- Can be used for professional PA and studio but also for Pro DJ's

Technical Information

- **Power Supply:** 90Vac ~ 240Vac, 50Hz (30W)
- **Fuse:** 20mm glass fuse 250V 1A slow
- **Frequency response:** 10-20.000Hz (+/-0,1dB)
- **Dynamic range:** 102 dB
- **THD + noise:**

Downloads



PC Software V1.10



VISTA/WIN7 drivers



USB-Drivers(PL2303)



Product Manual V1.2



Declaration



Pictures

Linked Products



DLP6 Mk2

- **S/N Ratio (IHF-A):** >100dB @ 1kHz.
- **Crosstalk:** >95dB
- **Input level (max):** 4Vrms
- **Input Impedance:** 8kΩ balanced
- **Output Impedance:** 150Ω balanced
- **Output level (max):** 2Vrms
- **AD/DA:** 24bit Sigma/Delta
- **Sample rate:** 48kHz
- **Crossover slopes:** 12, 18, 24 or 48 dB/oct
- **Crossover types:** Butterworth, Bessel or Linkwitz/Riley
- **Delay inputs / steps:** 682,52ms / 21μs steps
- **Delay output / steps:** 21,31ms / 21μs steps
- **EQ # input:** 6 per input
- **EQ # output:** 4 per output
- **EQ types:** Parametric, L-Shelf 6dB, L-Shelf 12dB, H-Shelf 6dB, H-Shelf 12dB
- **EQ gain:** -30dB ~ +15dB / 0,1dB steps
- **EQ Bandwidth:** 0,016 ~ 4 octaves
- **EQ frequencies:** 19,7Hz ~21,9kHz
- **Limiters – threshold:** -20dBu ~ +10dBu / 1dBu steps
- **Limiters – attack time:** 0,5 ~ 50ms
- **Limiters – release time:** 10 ~ 1000ms
- **Limiters – compression ratio:** 1,2/1 ~ infinite/1
- **Dimensions:** 482(W) x 44(H) x 225(D) mm
- **Weight:** 3kg