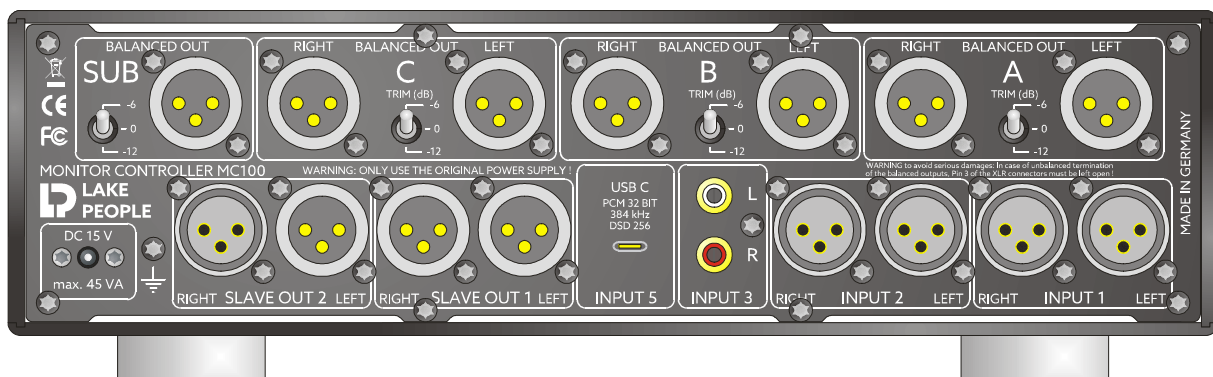


LAKE PEOPLE

MONITOR CONTROLLER MC 100 (PRO)



With its inputs, including a USB input with high-quality D/A converter, 2 slave outputs, 3 loudspeaker outputs plus subwoofer and the headphone path with X-Feed, the Lake People **Monitor Controller MC100** offers significantly more than conventional monitor controllers. The complete set of stereo signal manipulation options, Solo L / R, Channel Swap, Phase Reverse, Mono, Mute and Dim function and the high-quality volume control make it stand out from the crowd. In addition, it is as low in noise and distortion as physics allows.



Stereo inputs include:

- two rear balanced inputs (input 1 and 2) via balanced XLR sockets
- a rear unbalanced input with RCA sockets (input 3)
- an unbalanced input on the front with a 3.5 mm jack (input 4)
- a rear USB input with high-quality D/A converter for PCM signals up to 384 kHz / 32 bit and DSD 256 (input 5)

The inputs are either individually activated via buttons on the front or summed up, active inputs are displayed by LEDs. The unbalanced inputs can be set to a sensitivity of -10 dBV or +4 dBu. The USB input LED shows PCM signals in green and DSD signals in blue.

The stereo signal can be extensively manipulated using push buttons. The activated state is shown by LEDs. These functions include: left or right channel solo, swapping left and right channel, inverting the phase of the left channel or switch the signal to mono. Dim (-20 dB) and Mute are also present to complete the set of options.

The Volume Control:

The high-quality RK27 volume control with 41-detent offers a massive 50 mm button. It serves to attenuate the three stereo output paths plus the subwoofer (mono) output.

MC100 PRO comes with a 256-step relay controlled attenuator with advantages over conventional solutions in terms of Sound, Crosstalk, Channel Mismatch and Life Cycle.

The stereo outputs:

The rear slave outputs "Slave Out 1" and "Slave Out 2" come as balanced XLR sockets. The outputs can also be operated unbalanced. Level meters and other devices can be supplied here, bypassing the volume control. The rear outputs "A, B, C and Sub (Mono)" feature balanced XLR sockets. The level of all groups may be set to 0, -6, -12 dB by switches on the back.

The output groups "A, B and C" can be switched in single mode or in adding-up mode by push buttons on the front panel. The "Sub" output is activated individually, the assignment to the respective group is stored and recalled when the output is activated again.

The headphone amplifier is activated by a button and has its own volume control. X-Feed is activated separately if desired, this effect minimizes the In-Head-Localization when listening through headphones, that means, it simulates a playback by loudspeakers.

The X-Feed effect is adjusted by a turn pot. The headphone amplifier is extremely powerful, headphones with 1/4" (6.3 mm) and 3.5 mm jacks can be connected.

Technical data MONITOR CONTROLLER MC 100 (all measurements RMS unwt'd. 10 Hz - 20 kHz) :

Inputs, analogue, stereo:	2 x balanced, back, XLR, gold plated 1 x unbalanced, back, RCA sockets, gold plated 1 x unbalanced, front, 3,5 mm TRS jack
Input parameters:	Impedance 10 kOhm, max. +22 dBu
Input, digital:	USB-C, back, PCM up to 384 kHz, 32 Bit, DSD up to 256
Frequency range:	5 Hz - 70 kHz (-0,5 dB)
Crosstalk:	< -80 dB
THD+N:	< -100 dB
Dynamic range:	> 110 dB
Slave outputs, stereo:	2 x balanced, back, XLR, gold plated
Amp outputs, stereo:	3 x bal., back, XLR, gold plated, switchable to 0, -6, -12 dB
Sub output, mono:	1 x bal., back, XLR, gold plated, switchable to 0, -6, -12 dB

Headphone amp, stereo: 1 x 1/4" (6,3 mm) jack, 1 x 3,5 mm jack

Max. output level
@ 1 kHz / < 0,1 % THD+N

RI (2x)	Ua / V	Pa / mW / Channel
600	14,3	340
300	13,2	580
100	10,2	1050
50	8,0	1280
32	5,7	1000
16	2,7	440

Supply voltage:	externally, 15V, max. 45 VA
Case:	Aluminum, black anodized
Case dimensions:	290 x 80 x 254 mm / 11,4 x 3,15 x 10" (W x H x D)
Over all case dimensions:	290 x 90 x 282 mm / 11,4 x 3,55 x 11,1" (W x H x D)