

M-Flex Specifications

M•FLEX 12

System performance

Max long term SPL (calculated):	122 dB
Max peak SPL (calculated):	128 dB
Frequency range +/- 10dB:	69 Hz - 20 KHz
Dispersion (-6 dB)	110 x 110 degrees
Auto stand-by:	12 min
Mix output impedance:	40 ohm
LF EQ, Shelving:	+/-10 dB @ 100 Hz
HF EQ, Shelving:	+/-10 dB @ 10 K Hz

HF Transducer

Type	1" compression driver with 1.4" diaphragm
Power rating, IEC 268	50 W
Power rating, peak	200 W
Sensitivity	105 dB

LF Transducer

Type	12" coaxial with 2" voice coil
Power rating, IEC 268	250 W
Power rating, peak	1000 W
Sensitivity	98 dB

Amplifier

LF output, continuous RMS:	350 W
HF output, continuous RMS:	70 W

Line input:

Type:	Balanced
Impedance:	27 K ohm
Line 1 & 2 sensitivity:	- ∞ to 0 dB

Microphone input

Type:	Balanced
Impedance, pad on:	3.5 K ohm
Impedance, pad off:	4 K ohm
Input sensitivity, pad on:	-21 to +14 dB
Input sensitivity, pad off:	+5 to +40 dB

Electrical

AC input, US model:	110 V, 60 Hz
AC input, EU model:	230 V, 50 Hz
Power consumption, peak:	420 W
Power consumption, average:	145 W
Power consumption, no signal:	53 W
Power consumption, standby:	5 W
Maximum current consumption:	2.23 A @ 230 V, 4.46 A @ 115 V

Physical

Dimensions	50 x 39 x 32 cm (19.7 x 15.4 x 12.6 in.)
Weight	15 kg (33 lbs)
Flying attachment:	4 points for M6 threaded hardware