



The **iFlex MAP-3** is a modular integrated DSP mixer. The MAP-3 is compatible with all iFlex products and software, and **can act as an expander unit or as a stand-alone mixer**. The MAP-3 accepts any three MAP modules for a total of 12 possible module channels. These channels can be audio inputs/outputs (including Acoustic Echo Cancelling (AEC) inputs, and FIR outputs), control ports, relays, or telephone interfaces. Combinations of module channels include 2X2, 2X6, 2X10, 4X4, 4X8, 8X4, 0X12, 0X8, 0X4, 4X0, 8X0, 12X0, 10X2 and 6X2 channels. The MAP-3 has a 16X12 routing matrix, and any channels not used by modules are available as network channels. This means that with network channels, the system can provide up to a full 16X12 channels. The MAP-3 is configureable through Sonata™ software, with the full suite of audio processing/routing/control functions of other iFlex mixers. The MAP-3 communicates with other iFlex products and software via ethernet, and is powered by either PoE+ or external DC power supply.

FEATURES

- Compatible with all iFlex products
- Logic-I/O port for remote controls
- Ethernet port for software access
- Multi-box audio and control via standard TCP/IP
- User-friendly Sonata software for layout/design
- Mix, combine, route, multi-processing, etc.
- Comes with pre-defined simple layout
- Powered by either PoE+ or DC power supply
- CE marked
- RoHs compliant
- Covered by Ivie's 5 year warranty
- Ability to select, view, control and adjust:
 - mixers: standard, auto, matrix, etc.
 - Filters: PEQ, HP, LP, H shelf, L shelf
 - EQ: graphic and parametric
 - Crossovers: 2, 3, and 4-way
 - Dynamics: comp/limit, ALC, Ducking
 - Complete matrix routing
 - Special Tap/Source routing
 - Group attachments/controls
 - Delays: 0~2,000 ms total allocatable
 - Controls: level, logic, modes, etc.
 - Meters: bar/level
 - Signal Gen: Sine, pink, white, red

ARCHITECTS & ENGINEERS SPECIFICATION

The DSP audio platform shall be an iFlex MAP-3, and shall provide a 16X12 internal mix matrix, with three slots for MAP series input/output hardware modules. Channels not allocated to MAP hardware modules will be available for network audio channels though standard TCP/IP. The MAP-3 shall be a 1U rack chassis, powered by either PoE+ or DC power supply. All internal processing shall be digital (DSP). Standard Ethernet connection shall allow sharing of controls and digital audio within multi-unit iFlex systems.

iFlex - MAP-3 REAR PANEL



iFlex - MAP-3 SPECIFICATIONS

Frequency response(20 Hz - 20 KHz)	+0/- 0.25dB	Sampling Rate	48 KHz
THD+N (20 Hz - 20KHz)	.01%@10dBV Output	A/D - D/A Convertors (bit rate)	24-bit
Equivalent Input Noise (20 Hz - 20 KHz)	< -125dBu	Phantom Power	48V open circuit 14mA short circuit
Dynamic Range (20Hz - 20KHz, 0dB)	> 108dB	Control Ports:	1 Logic I/O
Crosstalk (channel to channel @ 1 KHz)		Control Network(s):	Ethernet
Line level	< -75dB	Connectors:	RJ45
Mic level	< -75dB	Mainframe:	1U
Input Impedance		Power	POE+ or 24V DC Supply
Line (balanced)	30 KOhms	Dimensions	
Mic (balanced)	2 KOhms	height	1.75 inches (44mm)
Maximum Input *	+24dBu	width	19 inches (483mm)
Input Gain Range (6 dB steps)*	0 - 60 dB	depth	9.25 inches (235mm)
Output Impedance (balanced)**	200 Ohms	Weight	5.0 lbs. (2.25 kg)
Maximum Output (balanced)**	+24dBu	Compliances	RoHS directive, CE marked,

* - Specification applies to Quad-IN or input channel of Dual-IO
 ** - Specification applies to Quad-OUT or output channel of Dual-IO

WARRANTY (Limited): Ivie iFlex products are guaranteed for five (5) years from date of original purchase against malfunction due to defects in workmanship and materials. If such malfunction occurs, unit will be repaired or replaced (at our option) without charge for materials or labor, if delivered shipping prepaid, to an authorized Ivie service facility. Warranty does not cover finish or appearance items or malfunction due to abuse, modification, lightning, or operation at other than specified conditions. Repair by other than Ivie or its authorized service agencies will void this guarantee. Products are sold on the basis of specifications applicable at the time of malfunction. Ivie shall have no obligation to modify or update product once sold.