

The **iFlex MAP-6L** is a modular integrated DSP mixer, that is compatible with all iFlex products and software. The MAP-6L accepts any six MAP modules for a total of 24 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. Any Combination of MAP modules up to a total of 6 modules is possible. The MAP-6 has a 16X16 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 16X16 channels. The MAP-6L is configurable through Sonata™ software, with the full suite of audio processing/routing/control functions of other iFlex mixers. The MAP-6L communicates with other iFlex products and software via ethernet and USB.

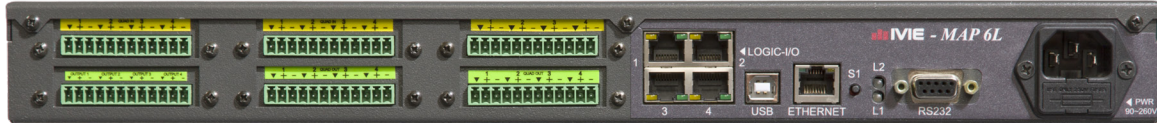
## FEATURES

- Compatible with all iFlex products
- 4 Logic-I/O ports for remote controls
- Software access via Ethernet and USB
- 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 110-240V AC
- 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: 0~9,200 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-6, and shall provide a 32X32 internal mix matrix, with six slots for MAP series input/output hardware modules. Channels not allocated to MAP hardware modules will be available for network audio channels through standard TCP/IP. The MAP-6 shall be a 1U rack chassis, powered by 110-240V AC, and programmed via either Ethernet or USB connection by Sonata™ software. 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-6L REAR PANEL**



**iFlex - MAP-6L 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:	4 Logic I/O
Crosstalk (channel to channel @ 1 KHz)		Control Network(s):	Ethernet, USB
Line level	< -75dB	Connectors:	RJ45
Mic level	< -75dB	Mainframe:	1U
Input Impedance		Power	110-240V AC
Line (balanced)	30 KOhms	Dimensions	
Mic (balanced)	2 KOhms	height	1.75 inches (44mm)
Maximum Input *	+24dBu	width	19 inches (482mm)
Input Gain Range (6 dB steps)*	0 - 60 dB	depth	11.5 inches (292mm)
Output Impedance (balanced)**	200 Ohms	Weight	7.0 lbs. (3.1 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.