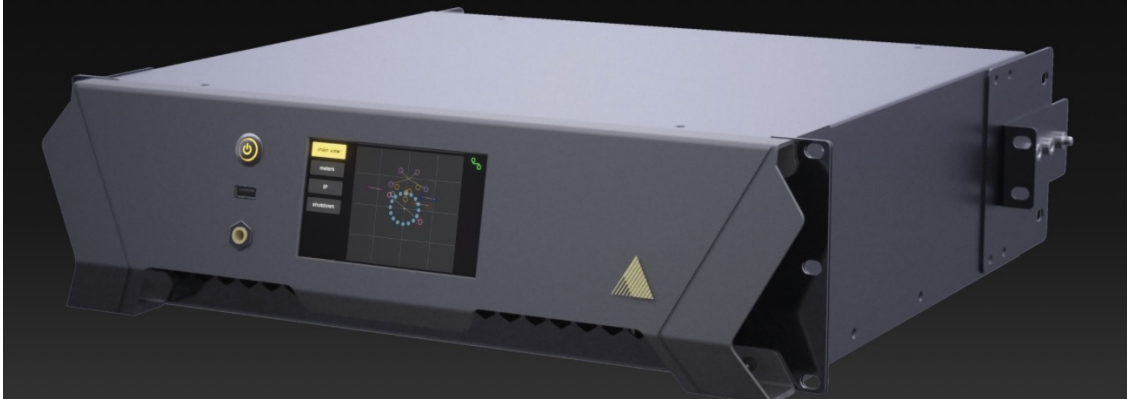


Versatile and easy to use

The Adamson Fletcher Machine offers very simple and super efficient sound spatialization tools. It provides the highest degree of versatility and can be used in various loudspeaker environments, from simple to complex setups, in small or large scale venues, installations or touring, amusement parks and museums.



Hearing is believing

The Fletcher Machine was developed with both sound engineering and artistic emotion in mind, and with a no compromise focus on audio quality. Pure and pristine sound with no audible artifacts is delivered. This makes the Fletcher Machine the first choice in any immersive application, even for the most demanding environments.



Stage Model

The Fletcher Machine is available as a 3U 19" rack unit, with a 5" color touchscreen, allowing for IP address change, levels control and other various quick checks.

Reliable Connectors

The rear of the Stage model is equipped with a complete set of reliable, high quality connectors.



Traveler Model

And for those who like to travel light, we made the Traveler model.

	Hardware			
	TRAVELER ENTRY	TRAVELER FULL	STAGE STANDARD	STAGE EXTENDED *
Main Features				
Form Factor	Small Form Factor	Small Form Factor	3U / 19" rack	3U / 19" rack
Front Panel Touch Screen			✓	✓
Audio Interface	Dante™ / AES67 or AVB / MADI	Dante™ / AES67 or AVB / MADI	Dante™ / AES67 or AVB / MADI	Dante™ / AES67 or AVB / MADI
Sample Rate (kHz)	44 / 48 / 96	44 / 48 / 96	44 / 48 / 96	44 / 48 / 96
Number of Inputs	32	64	64	128
Number of Outputs	32	32	64	128
Latency @ 48 & 96 kHz (ms)	1.33	1.33	1.33	1.33
Objects Processing				
Gain -84 to +12 dB	✓	✓	✓	✓
Polarity 0 / 180°	✓	✓	✓	✓
4-Band PEQ plus Low Cut and High Shelf	✓	✓	✓	✓
Compressor Ratio 1:1 to 20:1	✓	✓	✓	✓
Delay up to 300 ms	✓	✓	✓	✓
Object Visible / Hidden in Main View	✓	✓	✓	✓
Object Positioning				
Manual or external Control via OSC Messages	✓	✓	✓	✓
Embedded 2D/3D Trajectory Generator with fast Design	✓	✓	✓	✓
Single / Loop Trajectory Modes with Sync Trigger	✓	✓	✓	✓
Individual Trajectory recall	✓	✓	✓	✓
Audio Rendering				
Minimum Delay: Closest Output with min. Latency	✓	✓	✓	✓
Full Delay: Min. Delay + Time of Flight from Object to closest Output	✓	✓	✓	✓
No Delay - Amplitude is calculated for Object to Output Distance	✓	✓	✓	✓
Direct Routing to any Number of Outputs	✓	✓	✓	✓
Rendering Mode selectable per Object / per Loudspeaker Layer	✓	✓	✓	✓
Adjustable Object Width	✓	✓	✓	✓
Variable Distance Attenuation (0 to 6 dB per doubling of Distance)	✓	✓	✓	✓
Variable Atmospheric Absorption (0 - 100%)	✓	✓	✓	✓
Reverb Engine				
Internal exclusive Generator	✓	✓	✓	✓
High Quality Impulse Response Engine	✓	✓	✓	✓
Stereo IRs or Internal Frontal / Surround / 3D	✓	✓	✓	✓
Variable Pre-Delay (0 - 300 ms)	✓	✓	✓	✓
4-Band PEQ plus Low Cut and High Shelf	✓	✓	✓	✓
Speaker Processing				
Gain -84 to +12 dB	✓	✓	✓	✓
Number of Layers	4	6	8	10
8-Band PEQ plus Low Cut and High Shelf per Group	✓	✓	✓	✓
Additional Delay up to 300 ms	✓	✓	✓	✓
On the fly Speaker adding	✓	✓	✓	✓

Aux Sends				
Number of Pre / Post Fader Auxiliary Sends	4	4	4	4
4-Band PEQ plus Low Cut and High Shelf	✓	✓	✓	✓
VCA				
Number of VCA-like Level Controllers	8	8	8	8
Mixer				
All Object Levels grouped by 16 per Page	✓	✓	✓	✓
Send on Fader for Speakers, Aux, Reverb and VCAs (if applicable)	✓	✓	✓	✓
Dedicated Page for Solo in Place	✓	✓	✓	✓
Custom Fader Page	✓	✓	✓	✓
Remote Control				
Dedicated Remote Controller MacOS, Win10, 11	✓	✓	✓	✓
MIDI / OSC Implementation	✓	✓	✓	✓
Power Supply				
Universal 100-240 VAC, 50-60 Hz	✓	✓	✓	✓
Redundant, hot swappable Power Supply			✓	✓
Dimensions & Weight				
Dimensions H x W x D (mm)	270 x 110 x 200	270 x 110 x 200	3U x 19" x 450	3U x 19" x 450
Weight (kg)	3.2	3.2	13.2	13.2