

# ReWire

## What is ReWire?

ReWire is a system for transferring audio data between two computer applications, in real time. Basically, you could view ReWire as an "invisible cable" that streams audio from one computer program into another.

## So, what can ReWire do?

ReWire has the following features:

- Real-time streaming of up to 256 individual audio channels (up to 64 with ReWire 1) from one application to another.
- Real-time streaming of up to 4080 individual MIDI channels from one application to another (255 MIDI buses with 16 channel per bus). This feature requires ReWire 2.
- High-precision synchronization - complete, glitch-free sync between the two applications, with no settings to make and no parameters to worry about.
- Common transport functions - if both applications have built-in sequencers of some sort, you can play, stop, rewind etc. in any of the applications and they will both locate to the same position.
- Additional querying - one application can "ask" the other about audio channel names, etc. This feature requires ReWire 2.

## ReWire Products

The following companies are currently shipping ReWire enabled applications:

Company	Product(s)	Version	Type of support	Universal Binary**
Ableton	Live	ReWire 2	Synth/Mixer application	5.2 or later
	Live Lite***	ReWire 2	Synth/Mixer application	Yes
Adobe	Audition	ReWire 2	Mixer application	
Apple (Emagic)	Logic and Logic Express (Mac OS X)	ReWire 2	Mixer application	7.2.1 or later
	Logic Audio, versions 4.7.3 - 5 (Windows & Mac OS 9)	ReWire 1	Mixer application	
	Logic Audio Platinum 6.1 with Digidesign Protools TDM and ESB (Mac OS)	ReWire 2	Mixer application	
	Logic Audio Platinum 5.0 with Digidesign Protools TDM and ESB	ReWire 1	Mixer application	
Arkaos	Garageband	ReWire 2	Mixer application	Yes
	ArKaos VJ	ReWire 2	Synth application	Yes
	Arkaos GrandVJ	ReWire 2	Synth application	Yes
Arturia	Storm	ReWire 2	Synth/Mixer application	
Cakewalk	Sonar / Sonar Studio	ReWire 2	Mixer application	
	Project 5	ReWire 2	Synth application	

Celemony	Melodyne	ReWire 2	Synth/Mixer application	Yes
Cockos	Reaper	ReWire 2	Synth/Mixer application	
Companion E&D	Intuem RW	ReWire 2	Mixer application	4.0 or later
Cycling '74	MAX/MSP	ReWire 2	Synth/Mixer application	Yes
Digidesign	Pro Tools 6.1 (or later)	ReWire 2	Mixer application	HD: 7.2.1; LE: 7.1.1
Imageline	FL Studio	ReWire 2	Synth/Mixer application	
Line 6	GuitarPort RiffTracker	ReWire 2	Mixer application	Yes
M-Audio	Torq	ReWire 2	Synth application	Yes
Madtracker	Madtracker	ReWire 2	Synth application	
Magix	Samplitude	ReWire 2	Mixer application	
Mark Of The Unicorn	Digital Performer 4 (or later)	ReWire 2	Mixer application	5.1 or later
	Digital Performer 2.7 and 3.x	ReWire 1	Mixer application	
Opcode Systems Inc.	Vision DSP	ReWire 1	Mixer application	
	Studio Vision	ReWire 1	Mixer application	
Plogue Art et Technologie	Bidule	ReWire 2	Synth/Mixer application	Yes
Propellerhead Software	Reason	ReWire 2	Synth/Mixer application*	3.0.5 or later
	Reason Adapted (All versions)	ReWire 2	Synth application	3.0.5 or later
	ReBirth RB-338	ReWire 1	Synth application	
Renoise	Renoise 2.1	ReWire 2	Synth/Mixer application	Yes
Mackie	Tracktion	ReWire 2	Mixer application	3.0 or later
M-Audio	Torq	ReWire 2	Synth application	Yes
Refuse Software	reFuse	ReWire 2	Mixer application	
Sonoma Wire Works	RiffWorks Standard	ReWire 2	Mixer application	Version 2 or later
	RiffWorks Line 6 Edition	ReWire 2	Mixer application	Version 2 or later
Sony	ACID Pro 5.0 (or later)	ReWire 2	Synth/Mixer application	
	ACID 4.0	ReWire 2	Mixer application	
Speedsoft Audio Tools	VSampler 3	ReWire 2	Synth application	
Steinberg	Cubase 4 / Cubase Studio 4	ReWire 2	Mixer application	Yes
	Cubase SE/SL/SX	ReWire 2	Mixer application	
	Groove Agent	ReWire 2	Synth application	version 3 or

	Nuendo 1.5 (or later)	ReWire 2	Mixer application	later 4.0 or later
	Halion 3	ReWire 2	Synth application	Yes
Synapse Audio Software	Orion	ReWire 2	Mixer application	
Tascam	GigaStudio 3	ReWire 2	Synth application	
Toontrack Music	dfh SUPERIOR	ReWire 2	Synth application	Yes
	EZ Drummer	ReWire 2	Synth application	1.0.4 or later
Waves	Tune	ReWire 2	Synth application	Yes
Yamaha	Vocaloid	ReWire 2	Synth application	

*\* = Reason is a synth application, but can act as a mixer application for ReBirth.*

*\*\*On an Intel Mac, both Reason and the host needs to be Universal Binary. Reason is Universal Binary from version 3.0.5 and later.*

*\*\*\*Some versions of Live Lite does not include ReWire support. Please contact the Ableton OEM partner that supplied your version of Live Lite for detailed info.*

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