HYBRIDDJ

SYNCHRO 2 PRO

2CH COMPACT DJ CONTROLLER



USER MANUAL

REV Z0 22-07-2026

INTRODUCTION

The Hybrid DJ Syncro 2 PRO connects to a computer by USB and sends MIDI control messages to VirtualDJ. This manual explains how to connect the controller, confirm it is detected in VirtualDJ, understand the main controls shown on the unit, perform basic mixing operations, troubleshoot common issues and maintain the controller.

IMPORTANT

This device left our factory in perfect working condition. Be sure to strictly follow the safety instructions and warnings in this user manual. Any damage caused by mishandling or overworking the DJ controller does not fall under the warranty. The dealer will not accept responsibility for any defects or problems that result from improper use.

SAFETY INFORMATION

- Use the controller indoors only and keep it away from water, moisture, extreme heat and direct sunlight.
- Do not open the housing or attempt internal repairs. There are no user-serviceable parts inside.
- Place the controller on a stable and flat surface during use.
- Keep cables routed safely to avoid tripping or accidental disconnection.
- Start with speaker and headphone volumes low, then increase gradually to protect hearing and equipment.

PACKAGE CONTENTS

- 1 × HYBRID DJ SYNCHRO 2 PRO 2CH Compact DJ Controller
- 1 × USB-A to USB-C cable
- 1 × 3.5 mm stereo jack to RCA cable
- 1 × User manual

SYSTEM REQUIREMENTS

- A Windows or macOS computer capable of running VirtualDJ
- An available USB port
- VirtualDJ installed and activated with the appropriate controller or software licence where required
- 1 × Powered speakers, headphones or an audio interface as needed for your setup

CONNECTING THE CONTROLLER

1. Turn down the volume on speakers, amplifiers and headphones.
2. Connect the Hybrid DJ Syncro 2 PRO to your computer using the supplied USB cable.
3. Wait for the operating system to detect the device.
4. Open VirtualDJ.
5. Go to settings and select controllers to confirm that the controller is detected.
6. If prompted, select or load the appropriate mapping for the controller.

VIRTUALDJ SETUP

VirtualDJ includes controller support and MIDI mapping tools. If the Hybrid DJ Syncro 2 PRO is not automatically recognised, use VirtualDJ's controller mapping screen to assign buttons, knobs, faders, jog wheels and performance controls.

1. Open VirtualDJ and select settings.
2. When prompted, insert the licence key provided with the controller to activate the required VirtualDJ licence.
3. Select controllers.
4. Choose the Hybrid DJ Syncro 2 PRO or the detected MIDI device from the device list.
5. Use the default mapping if available.
6. To customise a control, move or press the hardware control then assign the required VirtualDJ action.
7. Save the mapping under a clear name before performing live.

CARE AND MAINTENANCE

- Disconnect the USB cable before cleaning.
- Use a dry, soft cloth to wipe the surface.
- Do not use solvents, sprays or abrasive cleaners.
- Store the controller in a clean and dry place.
- Transport the controller in a suitable case or padded bag.

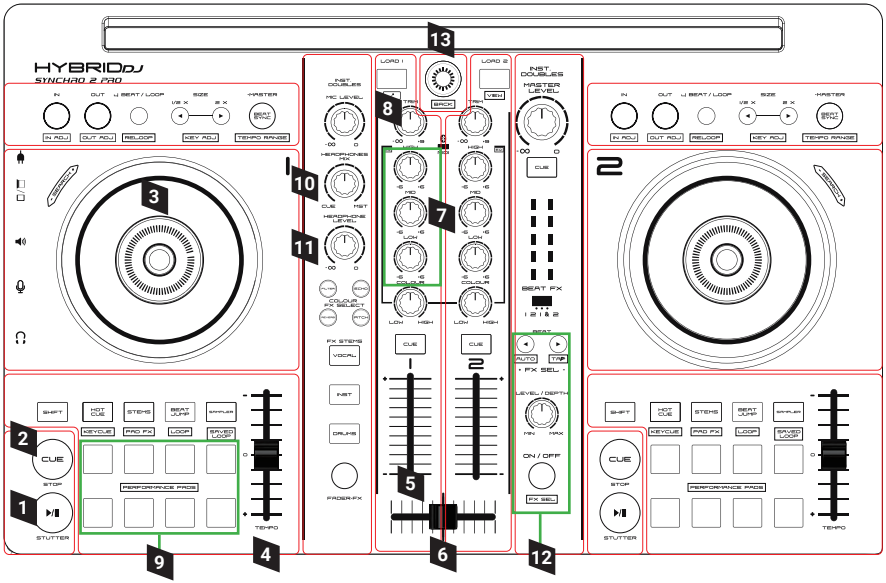
WARRANTY AND SUPPORT

For service, warranty claims, replacement parts or technical support, contact your authorised Hybrid DJ dealer or distributor. Have your proof of purchase, serial number, software version and a description of the issue ready before requesting support.

FEATURES

- Bluetooth or USB-C input
- Compatible with PC/MAC/Android/Ioss/iPad OS
- Multi FX preset
- RCA output
- Audio interface
- “All in one” mode
- All DJ software mapping compatible
- 10 W Power pass-through
- Tablet holder
- VU Meters

CONTROLLER DIAGRAM



MAIN CONTROLS

Control	Typical Function in VirtualDJ
1. Play/Pause	Starts or pauses deck playback
2. Cue	Sets, previews or returns to the cue point
3. Jog wheel	Scratch, search, nudge or adjust track position
4. Pitch fader	Adjusts track tempo
5. Channel fader	Controls the volume of each deck
6. Crossfader	Blends audio between left and right decks
7. EQ knobs	Adjust high, mid and low frequencies
8. Trim knob	Adjusts input level before the channel fader
9. Performance pads	Trigger hot cues, loops, samples or other pad modes
10. Headphone mix	Blends the headphone signal between the cued deck and the master output, allowing you to preview the next track while monitoring the live mix
11. Headphone level	Adjusts the headphone output volume independently from the main speaker or master output level

12. FX controls	Activates and adjusts effects such as filter, reverb, echo or other mapped VirtualDJ effects. Depending on the mapping, knobs may control effect depth, wet/dry amount or parameter values
13. Browse control	Navigates tracks and loads music to a deck

BUTTON-BY-BUTTON CONTROL REFERENCE

Button or Label	**Quantity Shown**	**Typical Function in VirtualDJ**
BEAT SYNC	2	Synchronises the deck tempo and beat grid with the other active deck
MASTER	1	Selects or indicates the master deck used as the timing reference
LOAD 1	1	Load deck A or mode selection
LOAD 2	1	Load deck B or mode selection
Crossfader	1	Blends audio between the left and right decks
CUE	2	Sets, previews or returns to a cue point on the selected deck
Play/Pause	2	Starts or pauses playback on each deck
FILTER	1	Controls or activates the filter effect
REVERB	1	Activates or controls the reverb effect
ECHO	1	Activates or controls the echo effect
PITCH	1	Adjusts or selects pitch/tempo control behaviour
Headphone cue icon	2	Routes deck audio to headphones for cue monitoring
HOT CUE	2	Selects hot cue mode for the performance pads
STEMS		Selects stems control mode where supported by VirtualDJ and the current mapping
LOOP	2	Selects loop mode or controls loop functions
SAMPLER	2	Selects sampler mode or triggers sample controls
SHIFT	2	Accesses secondary functions printed or mapped to other controls

BASIC OPERATION

1. Load a track to Deck 1 and a second track to Deck 2.
2. Press Play on Deck 1 and bring up the Deck 1 channel fader.
3. Use headphones to cue Deck 2.
4. Match the tempo using the pitch fader, sync function or manual beatmatching.
5. Use EQ and the crossfader to blend from one track to the next.
6. Use hot cues, loops and effects to add creative transitions.

TROUBLE SHOOTING

Issue	Possible Cause	Solution
Controller not detected	USB connection, driver or software issue	Reconnect USB, try another port, restart VirtualDJ, and check controller settings
No sound	Audio output not configured	Check VirtualDJ audio settings, speaker power, volume and cable connections
Controls respond incorrectly	Wrong or customised mapping	Select the correct mapping or reset/reassign controls in VirtualDJ
Audio distortion	Gain or master level too high	Lower gain, EQ, channel, and master levels until the signal is clean
Latency or delay	Computer performance or audio buffer setting	Close unused apps and adjust latency or buffer settings in VirtualDJ

TECHNICAL SPECIFICATIONS

Number of Channels	2
Power input	5 V ⎓ 3 A
Power output	5 V ⎓ 2 A
Inputs	1× 3.5 mm minijack (audio input) 1× USB-C (power + data) 1× USB-C (power only)
Outputs	1× 3.5 mm minijack (headphones) 1× 6.35 mm jack (headphones) 1× RCA (master output L/R)
Sampling rate	16 Bit / 44.1 kHz
Audio Frequency	20 Hz–20 kHz
S/N ratio	102 dB
Total harmonic distortion USB	0.006 %

CONTROLLER WEIGHT: 1.4 kg
DIMENTIONS OF CONTROLLER (H × W × D): 425 × 40 × 265 mm