

Multi-track technology for the 21st century

JoeCo Remote Control Options

Control and Monitor up to 4 **BlackBox Recorders/Players** from your iPad



JoeCoRemote • JoeCo MultiRemote • JoeCo Bluetooth

JoeCo's remote control options enable BlackBox Recorders and Players to be remotely operated and monitored via iPad. The JoeCoRemote software app, together with a range of specially designed hardware interfaces, offers remote control of up to four 24-channel or 64-channel BlackBox Recorders or Players.

The **JoeCoRemote 3.0 app** offers remote control of all standard BlackBox transport functions (Play, Stop, Record), as well as providing access to the BlackBox menu structure for changing settings, naming songs / takes and tracks, editing iXML data for Film and TV applications, etc. It also meets increasing demands for remotely controlling projects with larger track counts. Using a single iPad, users can view input metering on up to four connected BlackBoxes and create a real-time monitor mix using the expandable channel strips in each of the Monitor windows. Multiple fader groups can be set up for easier handling.

A "Player" window revolutionises creating and controlling Playlists when the BlackBox Player is used as a multi-channel playback device. Changes to set lists can be made on-the-fly and can also be written to both MAIN and BACKUP disks simultaneously, ensuring that a pair of BlackBox systems configured as failover players are fully in sync. This enables creative set list changes to be made at a moment's notice if required.

For broadcast/film applications, JoeCoRemote 3.0 enables iXML data to be created and modified from within the software. The app also features headphone volume and master mix level controls.

The standard **JoeCoRemote hardware interface** offers remote control of a single BlackBox. The hardware can operate as an adhoc network with the iPad at 2.4GHz or, when the WiFi is more congested, as part of an infrastructure network in the 5GHz band. There's also the option of connecting the iPad via the supplied cable to form a wired connection. For larger projects, **JoeCo MultiRemote** enables up to four BlackBoxes to be connected and controlled via one iPad. For a simple wired connection, no additional hardware is needed. For wireless operation, the MultiRemote box can be connected to either the JoeCoRemote hardware interface or the JoeCo Bluetooth.

JoeCo Bluetooth is a new cost-effective alternative for wirelessly connecting a BlackBox and iPad. The tiny interface connects directly to the BlackBox. JoeCo Bluetooth can also be connected to the MultiRemote interface for wireless control of up to four BlackBoxes. JoeCo Bluetooth utilizes BLE4.0 which is supported by 3rd generation iPad or later.

Remote Control Features:

JoeCoRemote 3.0

- Control up to four 24-channel or 64-channel BlackBoxes via iPad (relevant hardware required)
- Remotely control multi-channel recording and playback functions
- Highly accurate metering display
- Remotely access and change set-up and menu options, name songs and tracks
- Create multiple fader groups
- Player window for easily creating / controlling BlackBox Player playlists (live shows, themed entertainment, theatre etc). Supports both Main and Backup Failover Players
- Create and modify iXML data (broadcast/film applications) from within the app
- Headphone volume and master mix controls
- Operate wirelessly from on-stage, front-of-house, on location (or via wired connection)
- Supports IEEE 802.11n in 2.4GHz and 5GHz bands (NB. iPad only supports 5GHz as part of an infrastructure network)

Hardware Interface Options:

- JoeCoRemote Hardware: Control a single BlackBox using JoeCoRemote hardware (wireless or wired connectivity)
- JoeCo Bluetooth*: Cost-effectively control a single BlackBox (wireless only) via JoeCo Bluetooth. Note: supported by 3rd generation iPad or later
- JoeCo MultiRemote: Control up to four BlackBoxes using MultiRemote hardware (wired connectivity). For wireless control add JoeCoRemote or JoeCo Bluetooth hardware

Requirements:

- iPad capable of running iOS 8.0 or higher
- 6.1MB free space on iPad
- JoeCoRemote v3.0 (free download via iTunes)
- JoeCoRemote, MultiRemote or Bluetooth* hardware interface (cables supplied as appropriate)**
- BlackBox Recorder(s) / Player(s) with system software v3.2.0.0 or later
- WiFi or wired connection



* JoeCo Bluetooth hardware supports BLE4.0 which is only available on 3rd generation iPad or later.

** Can be retrofitted to any BlackBox Recorder or Player (earliest BlackBox units with serial numbers containing "KBx" may require additional interface cable).

JoeCo products are available from:

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