

AIRLINK TRANSMITTER

Art. No. 3448



AIRLINK TRANSMITTER and AIRLINK RECEIVER form a complete wireless remote control system.

Use AIRLINK with Dataton PAX or SMARTPAX for direct control of up to four slide projectors including dissolve and random access functions, or with Dataton MICTOUCH for controlling a presentation environment. The AIRLINK system also

provides remote control of Apple Macintosh computers running Dataton TRAX for speaker support and interactive applications.

AIRLINK TRANSMITTER is shipped complete with an AIRLINK OVERLAY KIT so you can customize your transmitter.

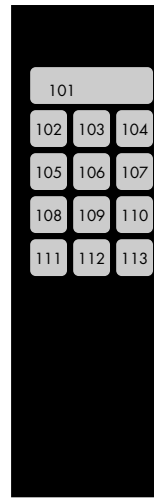
USAGE



With TRAX Connect the AIRLINK RECEIVER to the ADB port of the MacOS computer running TRAX, using the AIRLINK MAC ADAPTOR. If no ADB ports are free, use an ADB expansion box or Y cord for connection. The top four keys on the transmitter mimic the arrow keys on the Macintosh keyboard as used in TRAX. The big key acts as the down arrow key, running the show to the

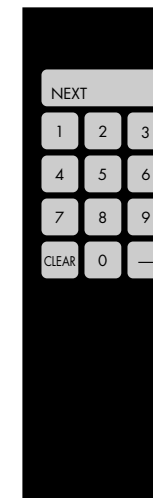
next cue on the current track. Use the right arrow key to skip ahead to the next cue on the current track. The left or up arrow will rewind the show to the previous cue on the current track.

The remaining nine keys mimic function keys F5 to F13 on the Apple Extended Keyboard. In TRAX, these are used to jump directly to any position in the show using System cues F5 to F13. See the TRAX handbook for more details on creating and using System cues.



With MICTOUCH Plug the AIRLINK RECEIVER into the **DATA IN** connector on the MICTOUCH. AIRLINK TRANSMITTER acts as a slave MICTOUCH, adding more keys to the master unit. These are numbered from 101 if connected directly to the master, from 201 if connected to the first slave, and so on.

Note: MICTOUCH has been discontinued.

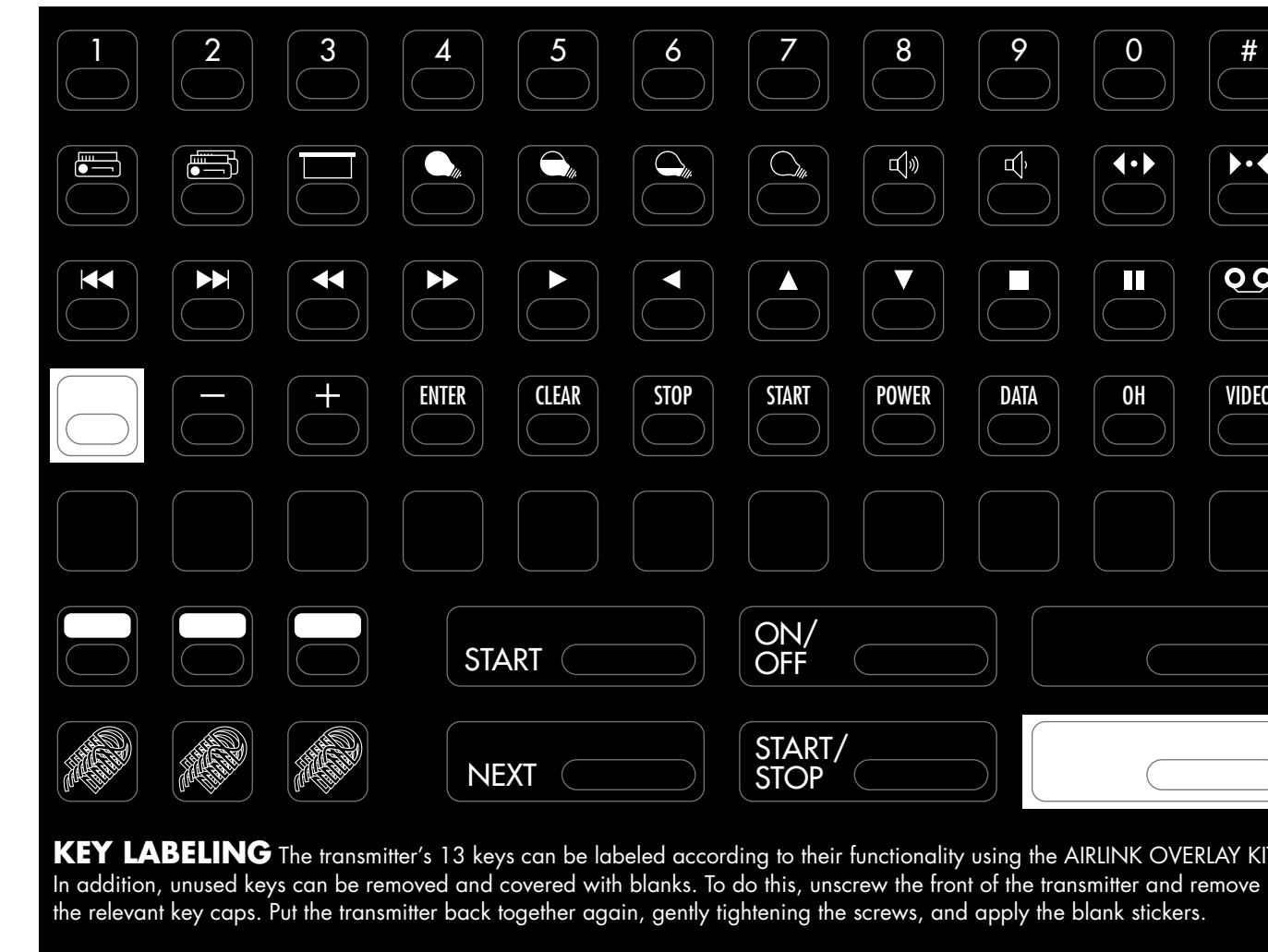


With PAX or SMARTPAX Connect the slide projectors and AIRLINK RECEIVER to PAX or SMARTPAX. The receiver plugs into the **IN** port and the projectors to the four ports on the back of the control units via projector adaptors or smartlink cables. The big key acts as a NEXT key, advancing to the next slide. If you are using more than one projector, this will be done

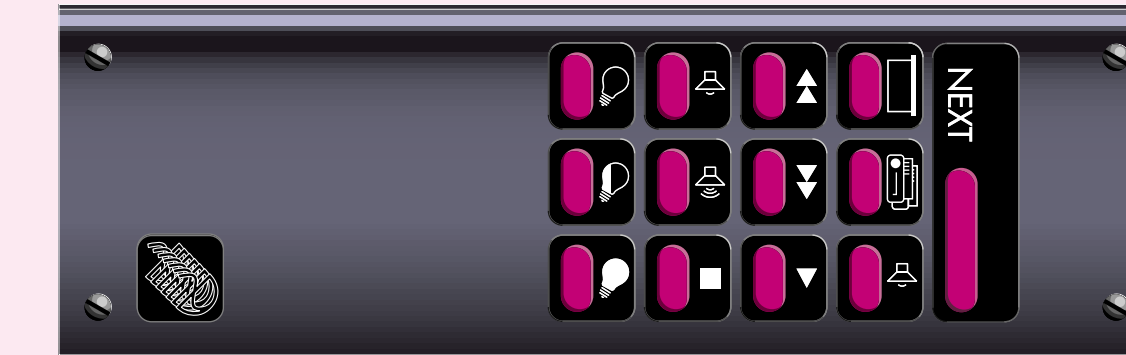
by a one second dissolve; otherwise the tray will simply advance.

The numeric keys are for random access of slides. Enter the slide number you want, then press the NEXT key to get there. The bottom left key, CLEAR, lets you cancel an entry. Use the bottom right key to reverse one slide.

In the AIRLINK system, slide number 1 is in the first projector's first slot, slide 2 will be in the first slot of the second projector (if any), and so on. Remember to load your slide trays accordingly.



KEY LABELING The transmitter's 13 keys can be labeled according to their functionality using the AIRLINK OVERLAY KIT. In addition, unused keys can be removed and covered with blanks. To do this, unscrew the front of the transmitter and remove the relevant key caps. Put the transmitter back together again, gently tightening the screws, and apply the blank stickers.



Technical Description

Transmitting range: Depends on environment parameters, typically > 10m (30 ft).

Power source: 3 cell Lithium 2000 mA, expected endurance under normal conditions: >10 years. The power source is permanently installed and cannot be replaced by the user.

Infrared protocol: PPM™ (Power Pulse Modulation), a Dataton proprietary protocol, readable by AIRLINK RECEIVER.

IR transmitter hardware: 8 high efficiency GaAlAs, 850 nm peak wave length IR diodes.

IR diode driver circuit: High efficiency fly-back dual MOSFET drivers with >95% energy conversion factor.

Key assignment: By software in TRAX. Keys are custom labeled by the user by means of the enclosed label sheet.

Dimensions: 47×17×150mm. Extruded aluminum case.

For more information, please refer to product sheets for AIRLINK RECEIVER and control units, and Dataton TRAX® documentation.