AIRLAB-DT WIRELESS PHONE CHANNEL (WPC)

WPC HYBRID/LINE, CONNECTORS, CONTROLS, & FUNCTIONS
All 8 slots on the left and on the right side of the master module can be populated with a WPC Hybrid module with line input.

HIGHLIGHTS
- High quality Telephone Hybrid circuit to directly connect to a Phone device
- Take Phone calls and play/pause music directly on your Airlab-DT console
- Audio with high resolution up to 24-bit/96kHz audio
- Stereo line input
- Gain control
- VoIP/Telco send Control
- Direct access CONNect and TB (Talk Back) switches in the master section
- Stereo Aux send
- Stereo CUE switch for pre fade listening
- Start (ON) switch and 100mm smooth professional fader

Wireless Phone Channel (WPC) HYBRID CHANNEL
The WPC module for the Airlab-DT uses our high-quality Telephone Hybrid circuit to enable you to make calls on your Phone during your broadcast. It also supports high-quality audio, so playing music on your Airlab-DT has never been easier.

CONNECTING TO A Wireless DEVICE
Once the Airlab-DT has been switched on, the WPC Hybrid will be in standby mode. The blue LED will be off.

- Press and hold the CONN button to enable pairing mode. The blue LED will start blinking.
- On your Phone, search for "D&R AIRLAB-DT". Click connect.
- When a connection is successful the blue LED on the WPC Hybrid will stop blinking and stay on.
- If no action is taken the WPC Hybrid will automatically go out of pairing mode and into standby mode after 30 seconds. The blue led will stop blinking and go off.

Now that the WPC Hybrid and your other device have been paired, the next time the Airlab-DT is switched on the WPC Hybrid will automatically search for known devices and connect to it.

DISCONNECTING A PHONE
Press and hold the CONN button. The WPC Hybrid will disconnect from the current device and go into pairing mode.

TAKING A PHONE CALL
Once connected to the WPC Hybrid you can now take calls on your Airlab-DT (if the other device supports this).

- When you are being called the RING led will blink. You can pick up the call by pressing the CONN button. The green CONN led will be lit. Note: the incoming call will not be heard until the CUE is pressed or the ON switch and the fader are activated which brings the signal to the mixer. To hear the caller you have to push the CUE button and to bring the caller on-air push the ON switch and pull up the fader.
- When a call is active, to disconnect the call press the CONN button again. The green CONN led will be off.

WIRELESS AUDIO
Once connected to the WPC Hybrid you can now play music on your Airlab-DT. Choose your favorite player (Playout software, Spotify, etc.) and press play on your device.

- It is also possible to play/pause music using the CONN button on the Airlab-DT. When music is not playing the CONN button will play music, when music is playing the CONN button will pause the music.

WPC HYBRID SEND
With this level of control, the outgoing signal from the mixer is sent to the caller via the WPC Hybrid. This is for both the WPC Hybrid and the Stereo Line input (when selected). This WPC Hybrid gets it send signal from the cleanfeed output on the back of the console.

TELEPHONE/LINE SWITCH
When switched to the up position only the WPC Hybrid signal is received. When this switch is down, you have a high-impedance stereo line level input for connecting iPods, tape machines, CD players etc.

GAIN
With the GAIN control, the source level is adjusted to the internal mixer level. This is for both the WPC Hybrid and the Stereo Line input (when selected).

TALKBACK
By pushing the TB switch on the WPC Hybrid module, the internal talkback microphone is activated and allows you to talk to the caller without being ON-Air.

AUX SEND
Below the TB switch is the stereo Aux send that can be set to send stereo source signals pre or post-fader (pre or post-jumper settings on the circuit board). The factory default is post-fader.

CUE
Next, you will see the stereo CUE switch (Pre-Fader Listening). This switch allows you to check the signal before you mix it with your other channel signals in the mixer. A second very important function is that this Cue bus is also designed to be a N-1 communication bus. It means that a caller hears any signal connected to this Cue bus except his signal. So communication between a DJ channel and the caller is possible without having to mix in the DJ channel and the caller in the broadcast.

RING (LED)
This LED light alert you when a call comes in. You can also connect a warning light to the START jack to be visually informed that a call comes in (when you wear headphones).

INPUT CONNECTORS WPC HYBRID
On the back of each of the AIRLAB-WPC-HYBRID/LINE module you find three connectors. Two unbalanced stereo line RCA Cinch connectors for connecting CD players, iPods, or any play-back devices as long as they are line-level equipment. The level can be set using the gain control to match most source levels. The left RCA/Cinch connector is the right input and the right RCA/Cinch connector is the left input. The shield needs to be connected to the ground or in case of the RCA/Cinch connector.
The START switch has two active connections to be wired. The tip and ring are shorted when the ON switch or fader switch is activated. Default the tip and ring are shorted when a call is coming in to alert someone is calling the studio. In case the Fader start is jumpered, you can use this connector to activate an external ring indicator such as our D&R PHONE light.

NEVER CONNECT ELECTRICAL POWER TO THIS REMOTE-JACK

Connections on the START connector should only be made with a maximum of <u>24 Volts by 50 mA</u>.
Please contact your dealer in case of doubt.