### Missing connection between Virtual Keyboard mapper AIRLAB and AIRCAST

We are having a small problem connecting the virtual keyboard and the Aircast software (signal between Airlab and Virtual keyboard mapper is working). But we can't seem to have a connection between Aircast and the virtual keyboard.

In the manual pdf (D & R Airence remote control v1.0 should be installed, but we can't find it online in D&R website if you can send us a direct link). We did install the SPL plugins

#### Answer:

There is no need to use the Virtual Keyboard Mapper application if you want to control Aircast from your Airlab console.

The Airlab console is directly supported in Aircast. Below you will find the information to setup.

# **Background information:**

In the days the Airlab was developed there only was a RS232 connector on the back available for faderstart/onair signals and configuring the console.

The new Airlab MKII is extended with a control section (24 knobs + encoder) and possible USB channels(4 max). One USB connector on the backpanel.

The control section is derived from the D&R Airence console, and should be configured in Aircast as a Remote Control (Airence).

### Hardware connections:

- Connect a USB cable between your Airlab and your PC. (this one is for the control section and possible USB Audio channels)
- Connect a **USB-to-serial cable** between your Airlab (RS232-port) and your PC (this one is for faderstarts/onair signals)
  - o (USB-to-Serial cable is included in your Airlab delivery)

## Software setup (faderstarts/onair):

- Start the application 'D&R Aircast Configuration'.
- Check if your serial port (from your USB-to-Serial cable...find out which COM port it is in device manager) is set to 57600 Baudrate in **Miscellaneous->Serial Ports**
- Click Save and exit the application.

D&R AIRCAST Configuration			- 🗆 X
r Welcome > ∙ Playlists	COM3 COM6		
> Cartwall	Settings		
- Audio Devices	Paul rates	F7500	
> · Audio Settings	bauu rate;	37800 ~	
> · GUI	Byte size:	8 ~	
Remote Control	3/		
···· Logging	Parity:	N ~	
Databases	Stop bits:	1	
Actions		· · · ·	
Encoder	Receive Buffer:	4096	
- Voice Tracking	Towns & D. Kenn	1005	
	Itansmit butter:	4090	
Ele Repository	3		
Runtime Features			
Serial Ports			
Settings			
Options			
File Extensions			
Passwords			
System Log			
Default Directories			
Standard Attributes			
Auto Cue			
Normalization			
E-Mail			
> Advanced			
background scripts			

#### - Start Aircast

#### - Add a D&R Airlab remote from Control Panel -> Remote Control -> Add -> D&R Airlab

X

C		
D&R AIRCAST Control P	anel	
Don AincAst Control P	anci	

Background Scripts Audio Devices	Add 🕱 Remove 🖉 Configure 📑 Import 🕞 Export
Databases	Hotkeys (local)
Actions	Hotkeys (system-wide)
Logging	MIDI
▷ · Advanced ▷ · Miscellapeous	Joystick/Gamepad
▷ · Audio Settings	IO-Warrior
Encoder	Window Message Client
····· Voice Tracking	D&R Airence
	D&R Airlab
	D&R Airlite
	Velleman K8055/K8055N
	Ember+ Consumer
	OK Apply Cancel

- In the Channels tab you find the 16 faderstart (On) and faderstop (Off) signals.
- You can attach internal Aircast functions to the Fader start/stop signals here. (see example below).

Communi	cation	Channels	On Air		
Ch #	On			Off	
1	PLAYER 1-1 START		RT	PLAYER 1-1 STOP	
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					

## Software setup (Control Signals):

- Add a D&R Airlab remote from Control Panel -> Remote Control -> Add -> D&R Airence
- In the Tab **Switches** you can configure the 24 switches available on the control section. (ignore 25 -38.. Airence specific).
- On is 'push' en Off is 'release' action.

Players	Cartwall Switches	Advanced		
SW #	On		Off	
1				~
2				
3				
4				
5				
6				
7				
8				
9				E
10				
11				
12				
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