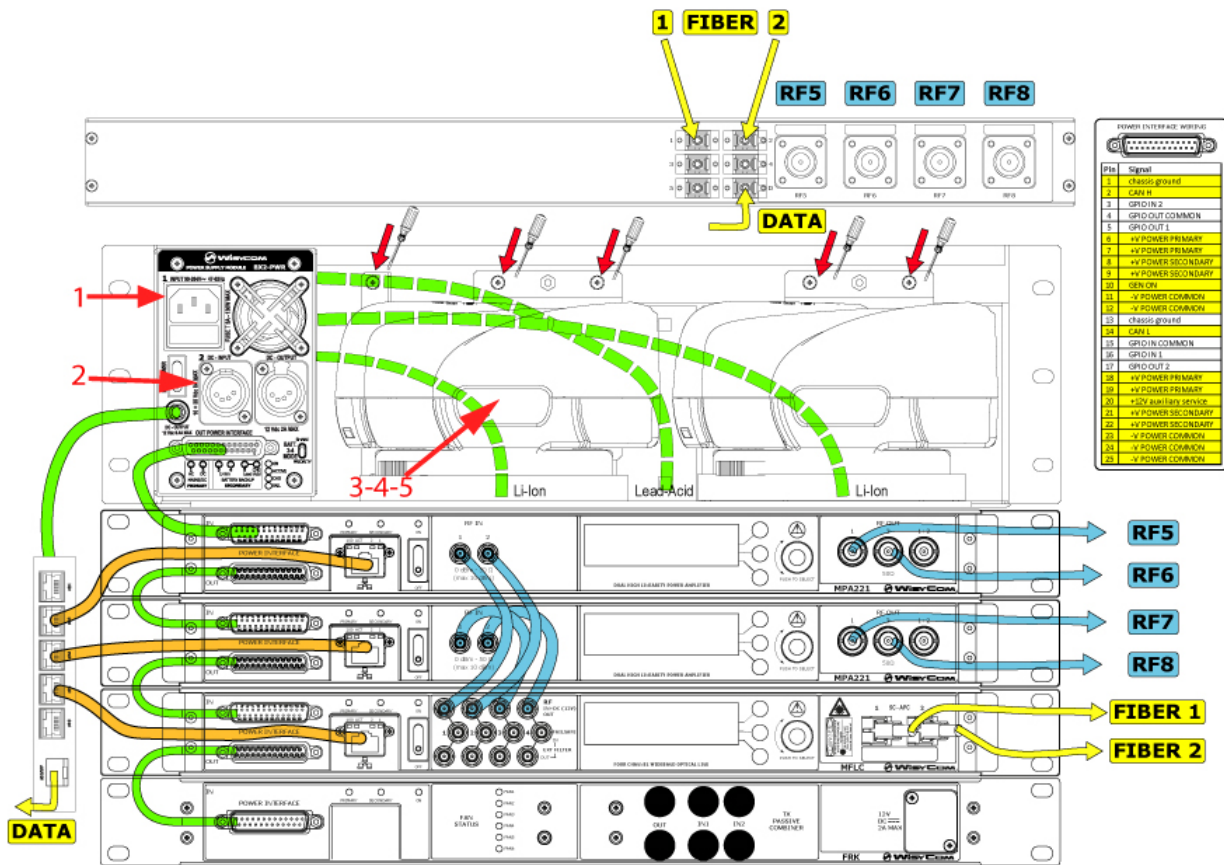


BX2 FIRBER BOX CONNECTION AND POWER MODULE



POWER INPUTS

- 1- AC Power Plug: 230V
- 2- DC Power Plug: 10-36V
- 3-4-5- Removable batteries: 2x Anton Bauer lithium **or** 2x Lead Acid Batteries

POWER OUTPUTS

- Dc Power output: 12V - 2A
- Hirose Output: 12V – 500mA
- Power interface output: customized power interface, please refer to the power interface wiring graphic on top. Yellow and white pins are wired on all the devices connectors, while on the output power interface only yellow pins are wired.

BATTERY MODES

- Priority mode: the BX2 will use one lithium battery at the time, once the first one is over the system will automatically move to the second. After that, if installed both, it will switch on the Lead Acid battery
- Share Mode: the BX2 will use gradually both the batteries at the same time

Caution: When you set up share mode directly on the MFLC and MPA221 while using Lead Acid Batteries, the BX2 will consume first the secondary power input (battery) instead of the primary (AC or DC) until the battery doesn't fall below 24V.

This entails that if you work in Share Mode, you might not have the backup battery if power drops. With Anton Bauer batteries the system won't behave like this due to the fact that those lithium batteries work at 16V.

This behavior is independent from the Share/Priority switch on the power supply module and only refers to Lead Acid Battery.

Note: Lead Acid battery will automatically recharge using the main power inputs AC / DC, Anton Bauer need to have their own charger.

LED INDICATORS

- **Red:** alimentation missing
- **Blue:** shows which alimentation is in use
- **Green:** available alimentation but not currently in use
- **Orange:** Lead Acid Battery in charge (through AC/DC).