

# HDPLEX 200W Linear Power Supply Quick Guide

## Setting AC Input Voltage

The factory-default input of the HDPLEX 200W linear power supply is 220V AC (supports max 260V AC). If you are in 100V-120V AC areas, please switch the red button down to 110V position before plugging the AC power cord.



## Measure Output Voltage

To safely and correctly measure the output voltage, plug in the XLR-5.5/2.5mm cable and make sure the XLR input is fully locked. Insert voltage probe to the 5.5/2.5mm single pin output for measurement. The inner ring is Positive and outer ring is Ground. **Do NOT** use linear power supply chassis for Ground.

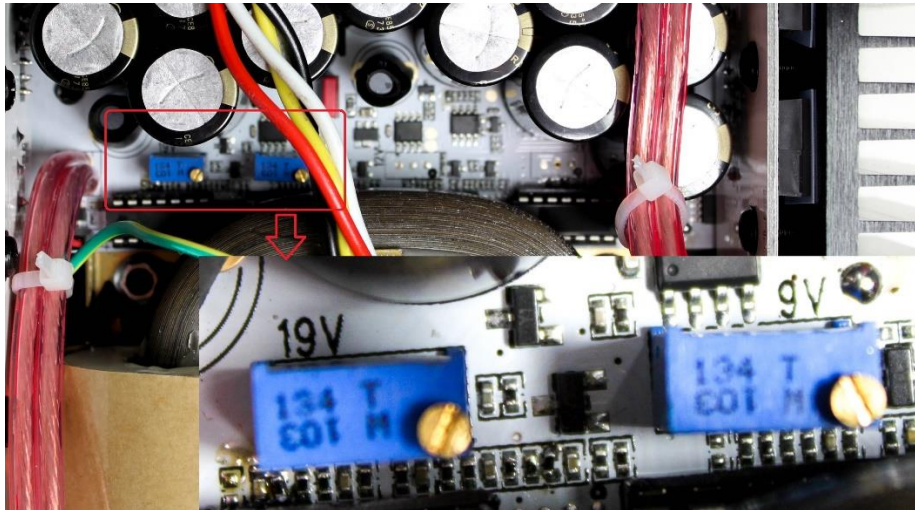


Do NOT insert the probe directly into the XLR output to measure voltage, as it might short circuit the linear power supply.

## Voltage Adjustment

There are two adjustable outputs on the 200W linear power supply. Factory-default output value is 9V for 5V-19.5V adjustable output, and 19V for 15V-19V adjustable output.

Before adjustment, first UNPLUG the AC cord. Open the top plate by uninstalling the top six hex M4 screws, and loosen the two back plate screws on the top right/left corners. Two adjustable resistors can be located on the main board; one is for 19V and the other is for 5V-19.5V adjustable output.



Turn the copper screw clockwise to increase the voltage, or anti-clockwise to decrease the voltage.

**Do NOT adjust voltage with linear PSU in HOT condition (AC power cord plugged).**

The following procedures are **highly recommended**:

1. Adjust the copper screw 1-2 circles.
2. Plug in the AC power cord and turn on the linear PSU.
3. Measure the output voltage.
4. Turn off the linear PSU and unplug the AC power cord.
5. Adjust the copper screw again to make the output voltage closer to the target value (This is a blind process).

## Recover from Protection Mode

HDPLEX 200W linear power supply has dual way over/under voltage (OVP/UVF) and over current protection (OCP). This safeguard function protects both the HDPLEX 200W linear power supply and your device from being damaged due to unexpected event.

When OCP or OVP/UVF is triggered, the output rail will be cut off immediately, and the corresponding output voltage will be zero. You can recover this output from protection mode by turning off the linear power supply and disconnecting the AC power cord. Plug back the AC power cord after 20 minutes and turn on the linear power supply. The output voltage should be back to normal.