

LINE AMPLIFIERS

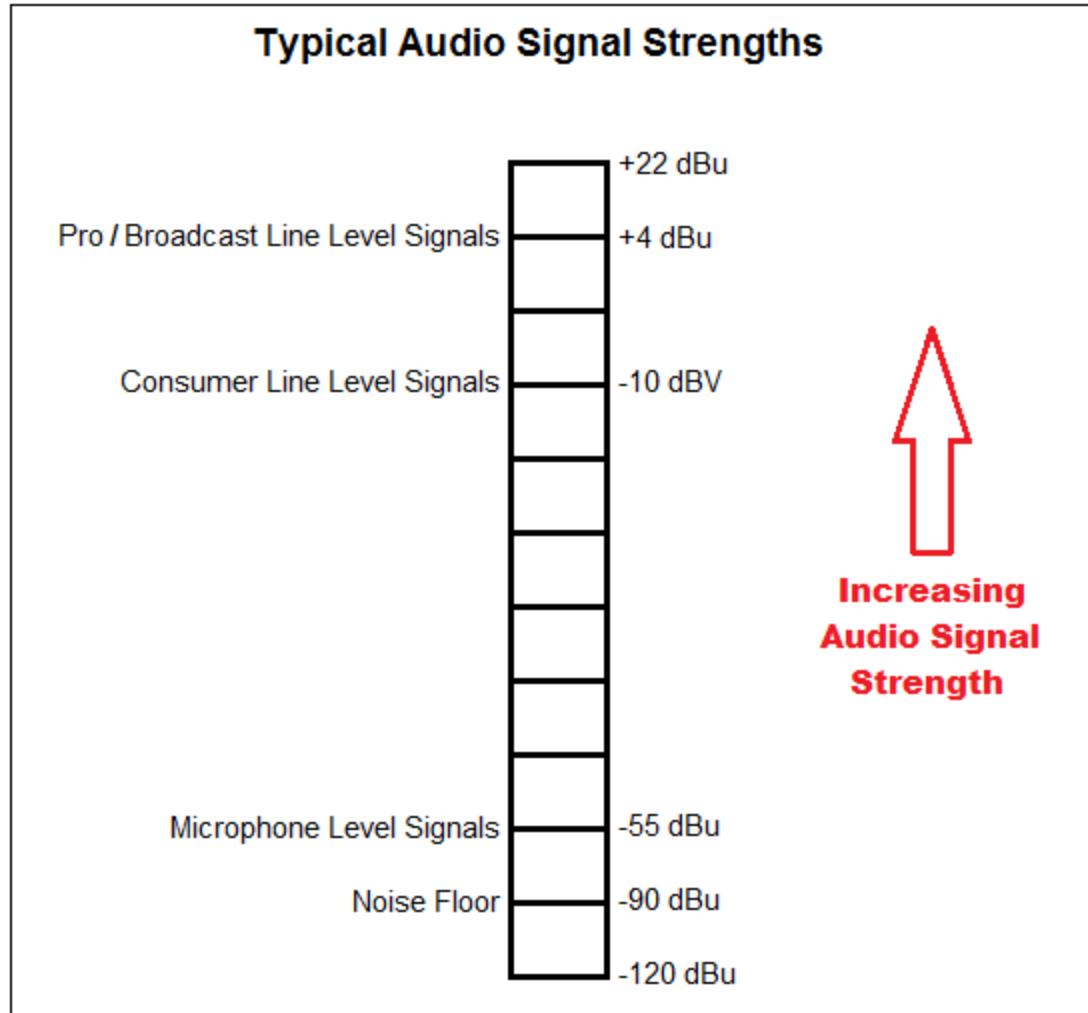
Increase or Decrease Line Level Signal Strength

- Amplify signals for long cable runs
- Increase / decrease levels for signal conversion
- Convert unbalanced to balanced signals
- Convert balanced to unbalanced signals



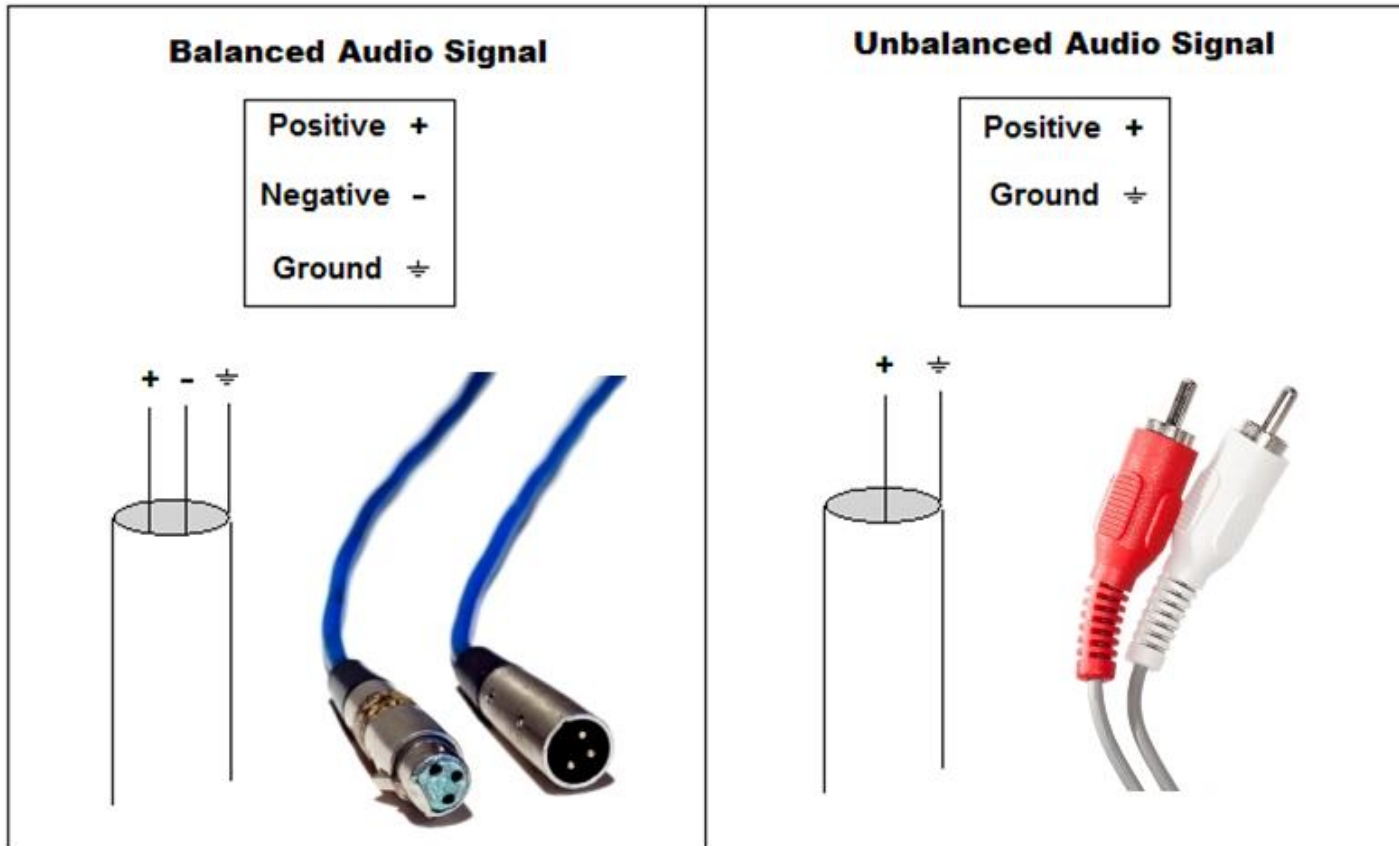
LINE AMPLIFIERS

UNDERSTANDING AUDIO SIGNAL STRENGTH



LINE AMPLIFIERS

COMMON AUDIO SIGNAL TYPES AND WIRING (MANY VARIATIONS EXIST)



Professional / Broadcast

Consumer

LINE AMPLIFIERS

Balanced to Unbalanced or Unbalanced to Balanced Conversion
Adjust Signals from -10 dBV to +4 dBu or +4 dBu to -10 dBV



STA-1

- Two channel amplifier
- Adjustable Gain -12 to +20 dB
- Requires dedicated power supply



STA-2A

- Two channel amplifier
- Adjustable Gain -14 to +24 dB



STA-1M

- One channel (mono) amplifier
- Adjustable Gain -14 to +14 dB

LINE AMPLIFIERS

Connectorized for Easy Conversion



FP-BUC2

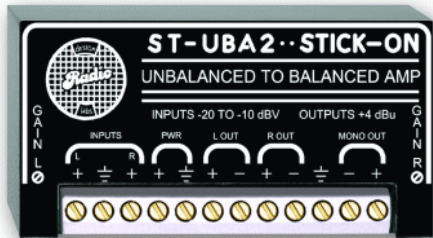
- Converts two balanced lines to unbalanced
- Decrease from +4 dBu to -10 dBV
- -10 dBV output with -6 to +6 dB adjustment
- Dual XLR inputs to RCA outputs



FP-UBC2

- Converts two unbalanced lines to balanced
- Increase from -10 dBV to +4 dBu
- +4 dBu output with -5 to +10 dB adjustment
- Dual RCA inputs to XLR outputs

LINE AMPLIFIERS



ST-UBA2

- Stereo unbalanced to balanced conversion
- Adjustable +2 to +22 dB Gain
- Dual LED VU for precision calibration
- Stereo outputs plus summed mono output



FP-UBC6

- Convert six unbalanced lines to balanced
- Increases -10 dBV to +4 dBu
- Adjustable -5 to +10 dB Gain
- Great for “surround sound” applications

LINE AMPLIFIERS

Stereo Audio Format Converters with Concurrent Bi-directional Operation



RU-AFC2

Unbalanced lines to balanced line section

- Increase -10 dBV to +4 dBu
- +4 dBu output with -25 to +9 dB adjustment
- RCA inputs to XLR or terminal block outputs
- Summed mono output on terminal block

Balanced lines to unbalanced line section

- Decrease +4 dBu to -10 dBV
- -10 dBV output with -25 to +5 dB adjustment
- XLR or terminal block inputs to RCA

Dual LED VU meters for each output



EZ-AFC2

- Same features as above except:
- Off to +12 dB adjustment for both converters
- No terminal blocks

LINE AMPLIFIERS

Telephone Line Simulator



ST-TC1

- Used for older style key telephone systems
- Interfaces paging or radio systems
- Simulates an incoming TELCO line
- Often used for special applications