



Metra PowerSports® Technical Bulletin RZR Ride Command MPS-RCLOC Audio Adapter

This Bulletin covers the RZR Ride Command MPS-RCLOC audio adapter remote turn (blue wire) operation, and Amp-3 (subwoofer) connection.

Amp 1, 2, 3 Connections

The RIDECOMMAND® system has a narrow “safe” range with regards to the impedance matching of the added after-market equipment. If the input sensitivity of the after-market equipment falls outside the RIDECOMMAND®’s “safe” range, problems may occur.

These crossover points from the Channels 1 – 6 outputs may affect your audio performance.

When connecting the system like the one above, it is important to note the following.

The Ride Command has three pairs of preamp outputs that are non-adjustable and preset from Polaris.

Amp 1, Channels 1&2:

- Fixed high-pass crossover (starts to roll off at 200Hz)

Amp 2, Channels 3&4:

- Fixed high-pass crossover (starts to roll off at 200Hz)

Amp 3, Channels 5&6:

- Fixed low-pass crossover (48dB/octave slope at 100Hz)

Note: This presents some integration challenges since most amplifier products have crossovers in them already. First issue is that the system high-pass crossover is very high and will leave you with little to no mid bass output. The second challenge is that the steep crossover on the sub output coupled with the crossover built into the subwoofer will leave you with very little subwoofer volume. AX-LDBK line driver or equivalent is recommended.

Remote Turn On

Amp 1, 2

- The blue remote wire is a low voltage out put, this may be sufficient for some amplifiers. If the amplifier being installed has signal sensing or DC offset turn-on, METRA recommended using those feature.
- If the amplifier being installed does not have the previous turn on features, a AX-MLOC720, AX-MLOC740 or equivalent differential converter is recommended.
- The last option would be to connect the remote turn of amplifier to the ignition of the installed vehicle.

Amp 3

- Remote tun on is not active for the AMP-3 connection