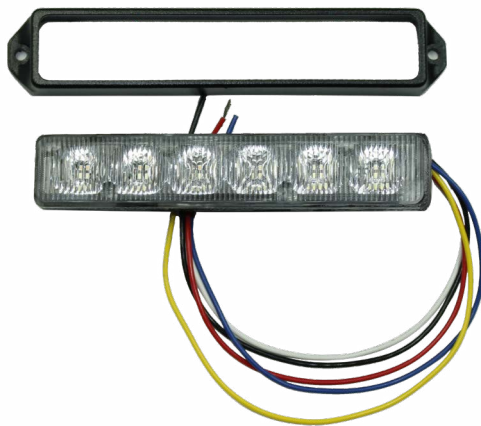# HG2 DS1
Double Stack Configuration

Wires

Black (G) - Ground
White (P) - Pattern Select
Yellow (S) - SYNC
Red (V) - Power
Blue (T) - Takedown

Configurations

There are three configurations for the same board

1) Master Phase 1
2) Slave Phase 1 (Blue wire is unconnected or low)
3) Slave Phase 2 (Blue wire is connected to 12V)

All boards start out as Slave. When running, if Blue (Takedown) is high (12V), Slave is Phase 2. If Blue is unconnected or low, Slave is Phase 1

Change MASTER to SLAVE

Connect WHITE (Pattern_Sel) to RED. BLACK to Ground. Apply 12V to RED and WHITE for 5 seconds. Module will flash twice when it becomes a Master. Remove WHITE (Pattern_Sel) from RED.

Change SLAVE to MASTER

Turn off power. Connect WHITE (Pattern_Sel) to RED. Black to Ground. Apply 12V to RED and WHITE for 5 seconds. Module will flash once when it becomes a Slave. Remove WHITE (Pattern_Sel) from RED.

Change Patterns

Apply 12V to WHITE (Pattern_Sel) for less than 5 seconds.

Change Back to First Pattern

After already being powered up, apply 12V to WHITE (Pattern_Sel) for more than 5 seconds.

Takedown

Apply 12V to BLUE (Takedown). This overrides current pattern.