

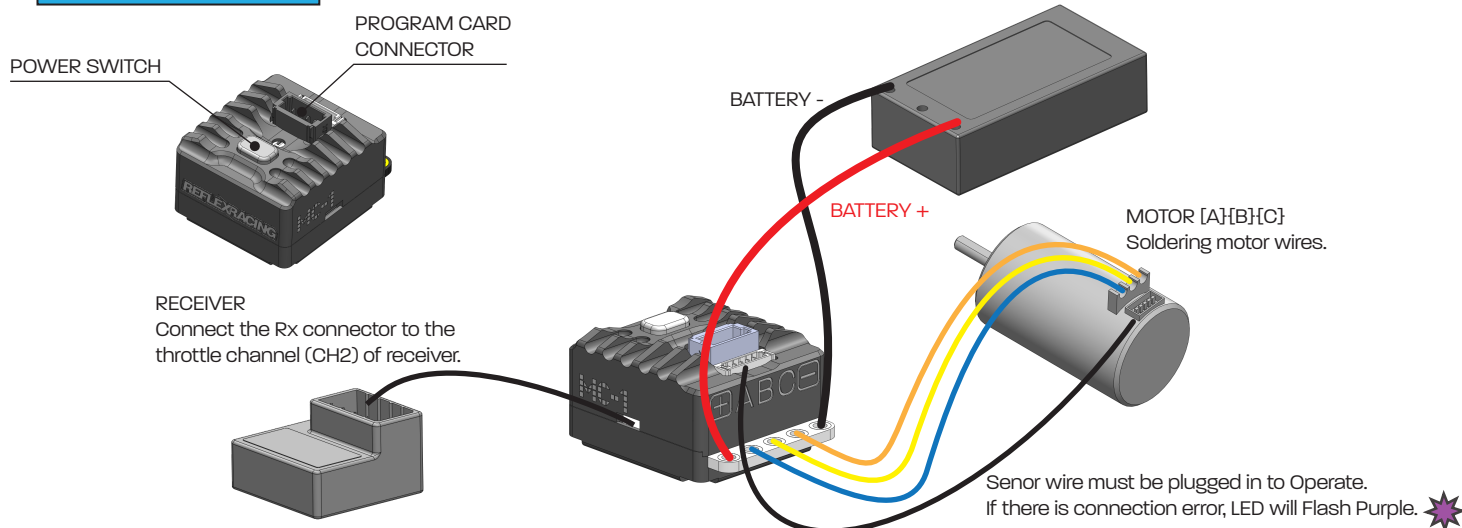
Specification :

- For: 1/28 1/27 1/24 Mini Car
- Black Color Anodized 3D Design Aluminum Case
- Voltage Input: 5V-8.7V (4 Cells NiMH or 2S Lipo)
- Continuous Current : 30A
- Motor Type: Sensored Brushless Motor
- Forward / Brake / Reverse
- BEC Output: 3A
- Dimension : 20.2(L) x 16(W) x 11.4(H) mm
- Weight: approx 7.5g (included wires and connectors)

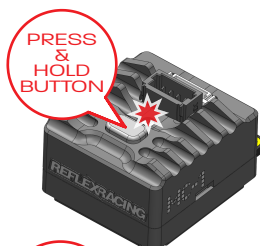
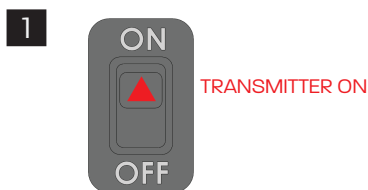
Features :

- Black Color Anodized 3D Design Aluminum Case
- Single Button with LED Setup & On/Off.
- Programmable Power Setting, Drive & Brake Frequency.
- Programmable Brake Setting.
- Programmable Boost & Turbo Timing.
- Programmable Low Voltage & Over Temperature Protection.
- Selectable "Blinky" (Zero-Timing) Mode.
- Program Setup by Program Unit.
- User Upgradable Firmware.

BASIC INSTALLATION

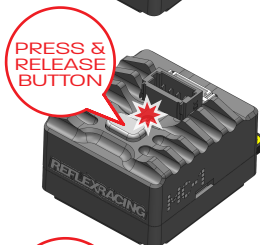
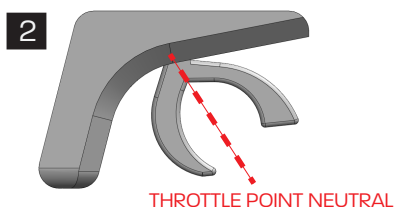


ESC CALIBRATION



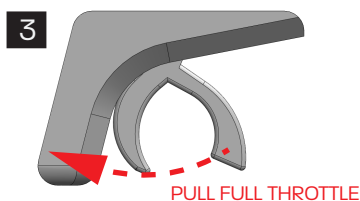
STEP 1. CALIBRATION

1. Turn on the transmitter, ensure D/R, Curve, ATL on the throttle channel are at default (100%). Throttle must be at neutral.
2. Press and hold the On/Off button for calibration mode.
3. Red light will turn on and then switch to Blue. ✨
4. Release the On/Off button.



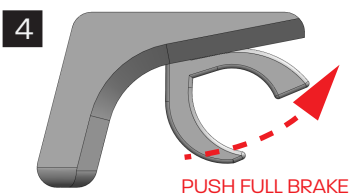
STEP 2. NETURAL SETUP

1. Transmitter throttle point is neutral.
2. Press and release the On/Off button.
3. Red LED will continue to flash and beep 1 time.
4. Neutral point is set.



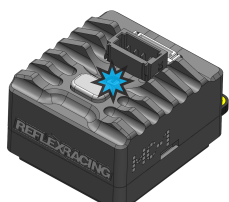
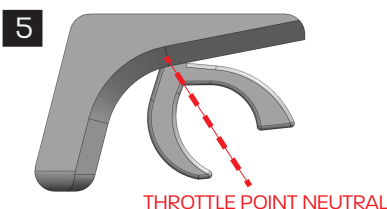
STEP 3. FULL THROTTLE SETUP

1. Pull Full throttle.
2. Press and release the On/Off button.
3. RED LED will flash twice and will beep 2 times.
4. Full Throttle point is set.



STEP 4. FULL BRAKE/REVERSE SETUP

1. Push Full brake.
2. Press and release the On/Off button.
3. RED LED will flash 3 times and beep 3 times.
4. Set up is complete.



ESC set up completed.

- ✨ LED will Flash Blue when ESC is in no timing mode and
- LED will be solid RED when Boost and/or timing is active.

DATE	/ /	TRACK		TRACTION	HIGH LOW ☐ ☐ ☐ ☐
DRIVER NAME		CONDITION	☐ FLAT ☐ BUMPY	TEMP.	AIR TRACK
EVENT		BEST LAP TIME		QUALIFYING POSITION	
MOTOR		TIMING		GEAR RATIO	/
				CAR	
				BATTERY	
NOTES					

A POWER SETTING

1: PWM FREQUENCY		Hz	(1000 - 32000Hz ADJUSTABLE, 500Hz / STEP)
2: PUNCH			(LEVEL 1 - 30 ADJUSTABLE, VALUE 1 / STEP)
3: COMPRESS	☐ OFF	☐ %	(OFF, 1 - 50% ADJUSTABLE, VALUE 1% / STEP)
4: START FORCE	☐ OFF	☐ %	(OFF, 1 - 50% ADJUSTABLE, VALUE 1% / STEP)
5: REVERSE FORCE		%	(30 - 100% ADJUSTABLE, VALUE 1% / STEP)

B BRAKE SETTING

1: DRAG BRAKE	☐ OFF	☐ %	(OFF, 1 - 100% ADJUSTABLE, VALUE 1% / STEP)
2: BRAKE PUNCH			(LEVEL 1 - 30 ADJUSTABLE, VALUE 1 / STEP)
3: INITIAL BRAKE	☐ DRAG BRAKE	☐ %	(DRAG BRAKE, 1 - 30% ADJUSTABLE, VALUE 1% / STEP)
4: BRAKE FREQUENCY		Hz	(1000K - 5000Hz ADJUSTABLE, 50Hz / STEP)
5: MAX BRAKE FORCE		%	(0 - 100% ADJUSTABLE, VALUE 1% / STEP)

C BOOST SETTING

1: BOOST ACTIVATION	☐ RPM	☐ AUTO	
2: BOOST	☐ OFF	☐ °	(OFF, 1 - 64° ADJUSTABLE, VALUE 1° / STEP)
3: BOOST START RPM		RPM	(500-35000RPM ADJUSTABLE, VALUE 500RPM / STEP)
4: BOOST END RPM		RPM	(3000-60000RPM ADJUSTABLE, VALUE 500RPM / STEP)
5: TURBO TIMING	☐ OFF	☐ °	(OFF, 1 - 64° ADJUSTABLE, VALUE 1° / STEP)
6: TURBO START		%	(50 - 100% ADJUSTABLE, VALUE 1% / STEP)
7: TURBO DELAY	☐ OFF	☐ SEC	(OFF, 0.01 - 1.00SEC ADJUSTABLE, VALUE 1SEC / STEP)
8: TURBO UP RATE		° / 0.05SEC	(1 - 30° ADJUSTABLE, VALUE 1° / STEP)
9: TURBO DOWN RATE		° / 0.05SEC	(1 - 30° ADJUSTABLE, VALUE 1° / STEP)

D GENERAL SETTING

1: RUNNING MODE	☐ FORWARD & BRAKE	☐ FORWARD & REVERSE	☐ FORWARD, REVERSE & BRAKE
2: BATTERY	☐ LIPO	☐ LI-FE	☐ NI-MH
3: CUTOFF VOLTAGE	☐ LOW	☐ MIDDLE	☐ HIGH
4: ESC OVERHEAT	☐ 95°	☐ 105°	☐ 120°
5: NEUTRAL RANGE		%	(5 - 15% ADJUSTABLE, VALUE 1% / STEP)
6: BEC VOLTAGE	☐ 6V	☐ 7.4V	
7: MOTOR ACTION	☐ CCW	☐ CW	
8: ESC MOTOR LINK	☐ A-B-C	☐ C-B-A	