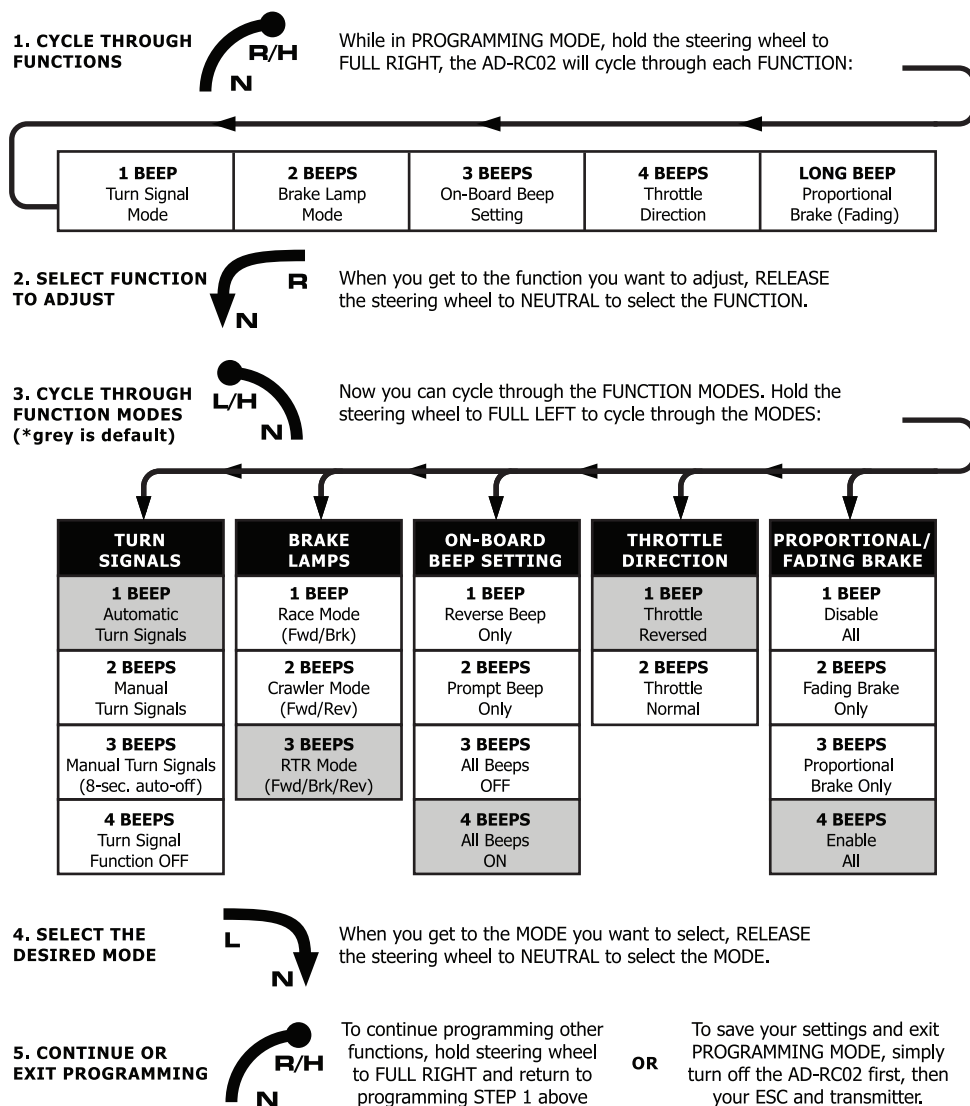


V. USING PROGRAMMING MODE

Use PROGRAMMING MODE to customize the AD-RC02 LED functions. To enter PROGRAMMING MODE:

- Make sure that the transmitter, Electronic Speed Controller (ESC), and AD-RC02 are all OFF.
- Power ON your transmitter first (keep ESC/AD-RC02 powered OFF).
- Turn the steering wheel to FULL RIGHT and HOLD.
- Power ON the ESC and AD-RC02. Keep holding the steering wheel to FULL RIGHT.
- After a long "BEEP" and the hazard lamps turn on, you are now in PROGRAMMING MODE.



Please check our website at www.integy.com for any product updates and the most up-to-date instructions.

INTEGY AD-RC02

LED MULTI-FUNCTION
LIGHTING SYSTEM FOR
TRX-4 DEFENDER BODY -
SMD BOARD VERSION
P/N #C28256

PARTS LISTING

Control Unit	1x
Signal Cables	2x
Extension Cable	1x
Y-Cable	1x
User Manual	1x
SMD Boards and Harnesses	

PRODUCT FEATURES

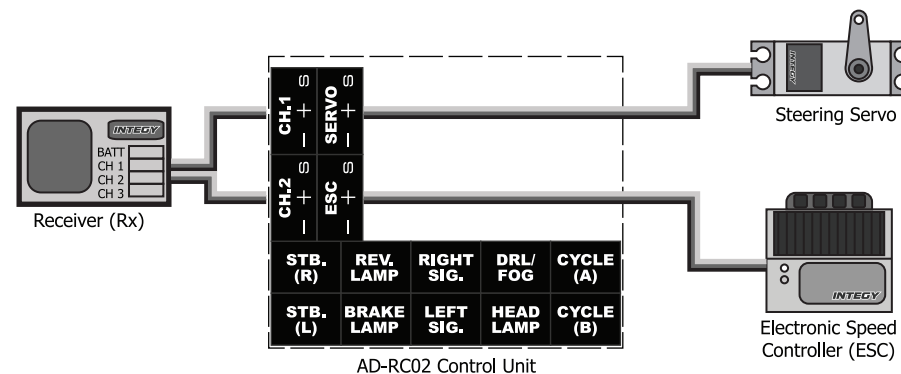
- Specifically for Traxxas TRX-4 Defender Body
- Full remote operation and custom LED functions
- Program all functions using transmitter
- Compatible with most 2-channel radio systems
- Multiple LED light functions
- Programmable on-board reversing sound
- Powered by receiver 5V-6V BEC
- No external power source required
- Extra ports for optional strobe or rock lamps
- Board-mounted SMD LEDs simplify installation

LED FUNCTIONS

- Head Lamp Operation: Switch head lamps from low-beam, to high-beam, to "off"
- Tail Lamp Operation: Auto brake, 3 tail lamp modes (Normal, Crawler, Race)
- Proportional Brake Intensity: Brake lamp brightness increases with braking action
- Reverse Lamp Operation: Automatic reverse LED activation when using reverse
- Reverse Sound: Programmable back-up beep
- Turn Signals: Auto or manual signal modes
- Optional Strobe / Rock Lamps (3 modes)
- Brake Lamp Fade In / Out

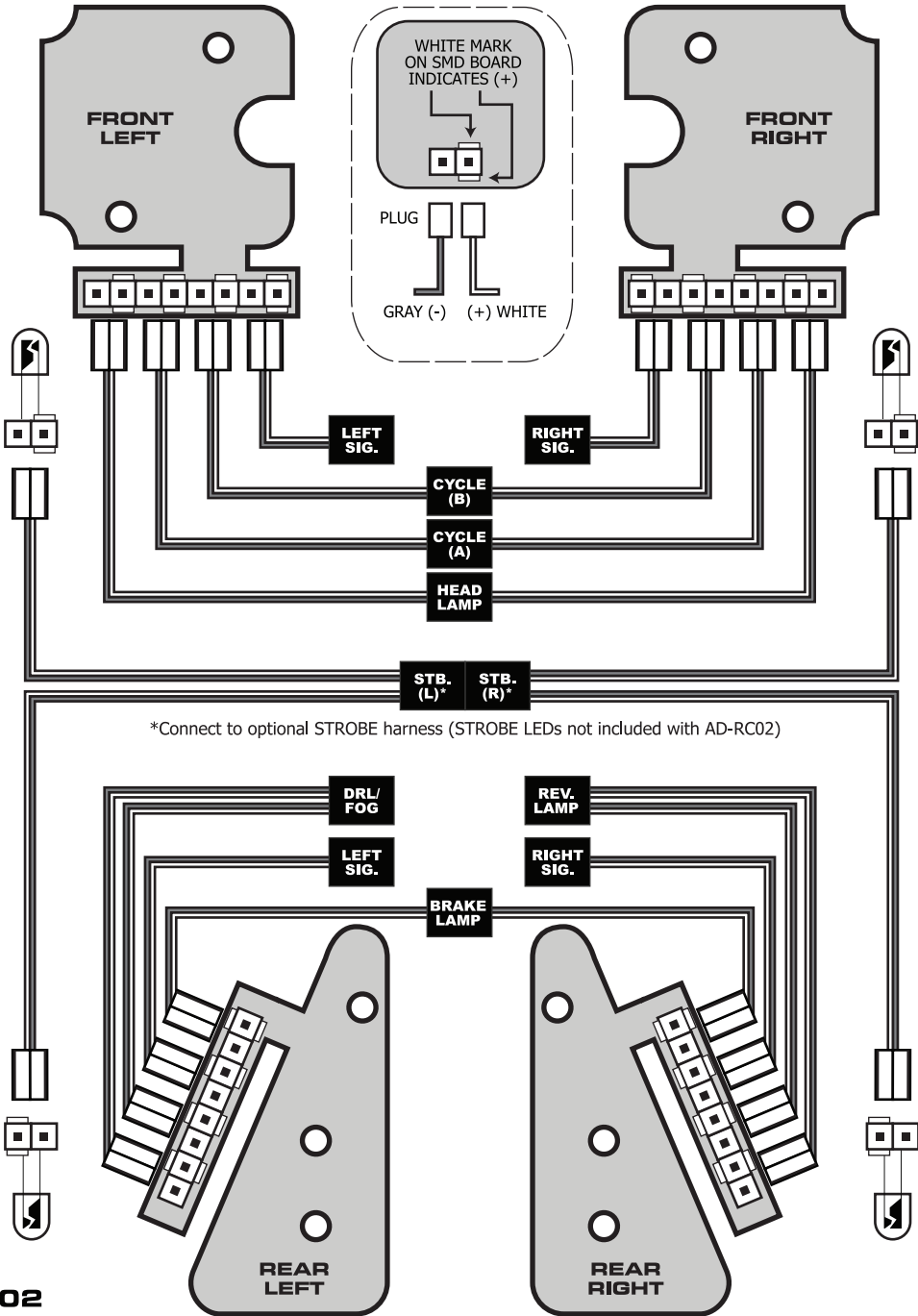
I. WIRING INSTRUCTIONS

- Before installing, make sure that your RC radio system and Electronic Speed Controller (ESC) are both turned OFF, and disconnect any battery pack connected to the ESC.
- Please install the **AD-RC02** control unit in a protected location on the vehicle where the included signal cables can reach the Rx, and the ESC and steering servo cables will reach the **AD-RC02**.
- Using one of the included signal cables, connect your Rx "channel 1" to **AD-RC02** "CH.1". Use the other signal cable to connect your Rx "channel 2" to **AD-RC02** "CH.2".
- Plug your steering servo cable into the **AD-RC02** "SERVO" port.
- Plug your ESC cable into the **AD-RC02** "ESC" port, see diagram below (NOTE: items shown are not to scale).



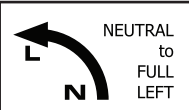

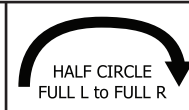

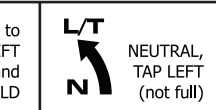
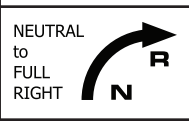


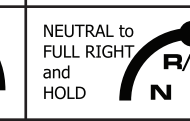

II. SMD PANEL WIRING DIAGRAM

Use the diagram below to correctly connect the SMD LED panels to the AD-RC02 Control Unit.





III. CONTROL REFERENCE



Use the guide below to understand Channel 1 (steering wheel) function icons. **NOTE:** When adjusting any of the AD-RC02 functions, Channel 2 (throttle) must be in NEUTRAL before you begin.



 NEUTRAL to FULL LEFT	 FULL LEFT to NEUTRAL	 HALF CIRCLE FULL L to FULL R	 NEUTRAL to FULL LEFT and HOLD	 NEUTRAL, TAP LEFT (not full)
 NEUTRAL to FULL RIGHT	 FULL RIGHT to NEUTRAL	 HALF CIRCLE FULL R to FULL L	 NEUTRAL to FULL RIGHT and HOLD	 NEUTRAL, TAP RIGHT (not full)



IV. FUNCTIONS OPERATION

How to use and switch the AD-RC02 light functions (Be sure to confirm each selection).



NIGHT MODE					
1 BEEP 	2 BEEPS Head Lamp 50% Brake Lamp 50% DRL/FOG Lamp ON	2 BEEPS Head Lamp ON Brake Lamp 50% DRL/FOG Lamp ON	2 BEEPS All Lamps OFF	Confirm 	

OPTION: CYCLE (A), CYCLE (B)					
1 BEEP 	2 BEEPS Cycle (A) ON Cycle (B) OFF	2 BEEPS Cycle (A) ON and Cycle (B) ON	2 BEEPS Cycle (A) OFF Cycle (B) ON	2 BEEPS Cycle (A) OFF and Cycle (B) OFF	Confirm 

OPTION: STROBE (L), STROBE (R)					
1 BEEP 	2 BEEPS Strobe (L) ON Strobe (R) ON	2 BEEPS Strobe Flash Mode 1 (Random)	2 BEEPS Strobe Flash Mode 2 (Pattern)	2 BEEPS Strobe (L) OFF Strobe (R) OFF	Confirm 

HAZARD LIGHTS, "CUSTOM ON", ALL OFF					
1 BEEP 	2 BEEPS Hazard ON or Hazard OFF	3 BEEPS Save "Custom ON" Settings (See Below*)	LONG BEEP Turn all LEDs OFF	Confirm 	

***HOW TO USE "CUSTOM ON":**
Turn on light functions as you like, then go to "Save Custom ON" to save your function selections. These saved functions will automatically be set each time you turn on the AD-RC02 during vehicle startup.

MANUAL TURN SIGNALS (*SEE PROGRAMMING MODE)	
 To manually activate LEFT turn signals, turn steering wheel (Channel 1) at least 5% then release - the LEFT turn signals will turn ON.	 To manually activate RIGHT turn signals, turn steering wheel (Channel 1) at least 5% then release - the RIGHT turn signals will turn ON.