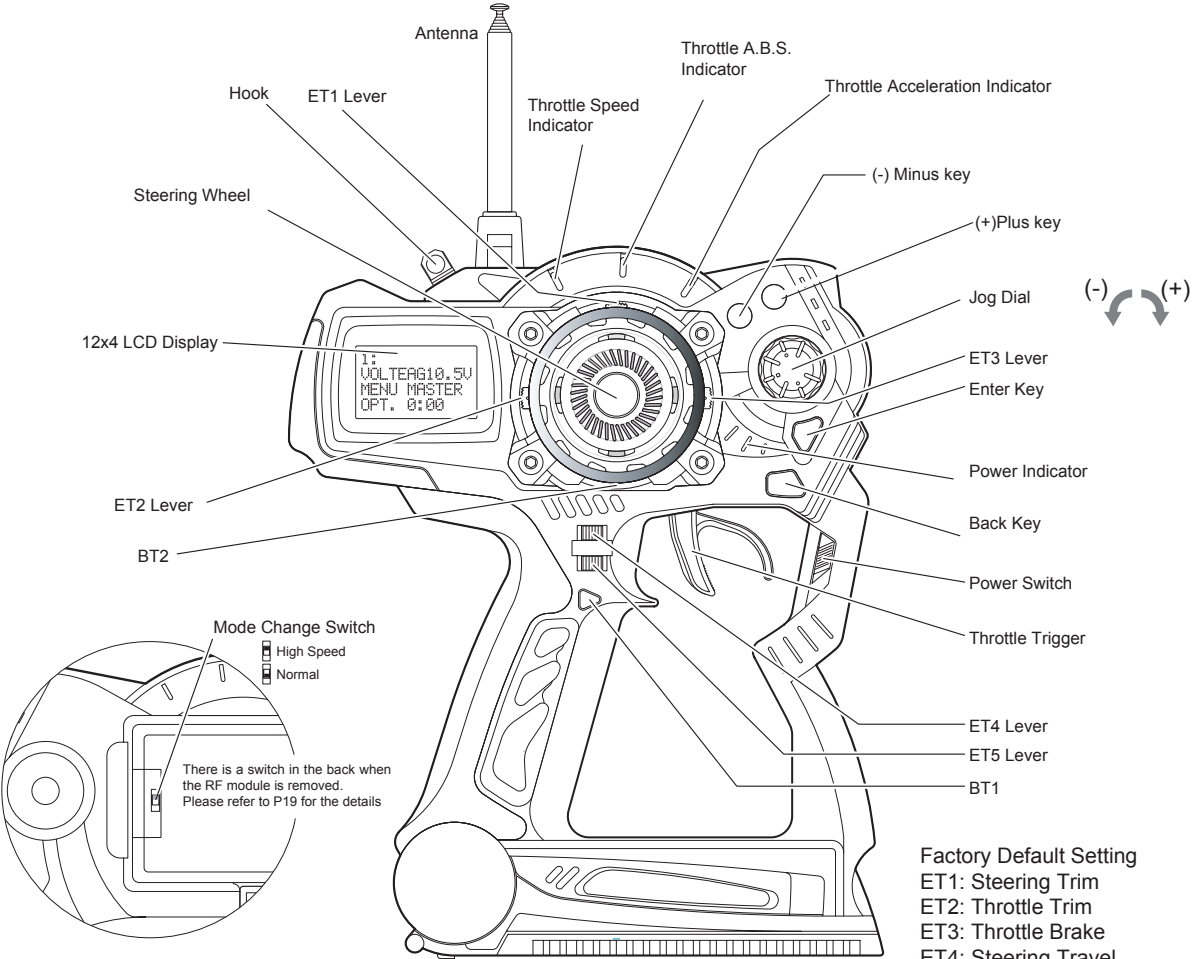
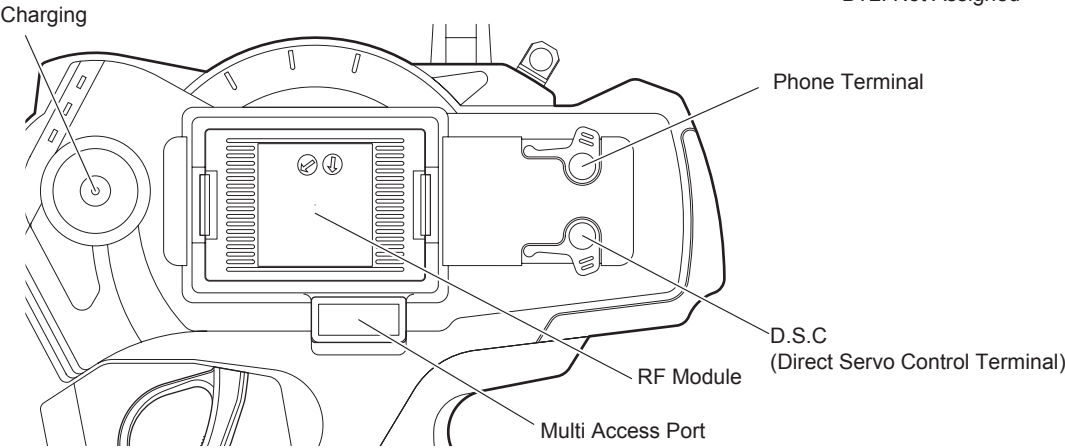


JR RACING Z-1
PROFESSIONAL CONTROLLER



Factory Default Setting
ET1: Steering Trim
ET2: Throttle Trim
ET3: Throttle Brake
ET4: Steering Travel
ET5: Not Assigned
BT1: Not Assigned
BT2: Not Assigned



These screens are displayed when the main menu is opened.

Please see each reference page for a detailed operation method after each screen is opened.

Initial Screen
1:
VOLTAGE10.8V
MENU MASTER
OPT 00:00

ENTER

Change Menu
MENU
>MASTER P17
CUSTOM1 P26
CUSTOM2

Add Menu
MENU
>INS P26
DEL
MOVE

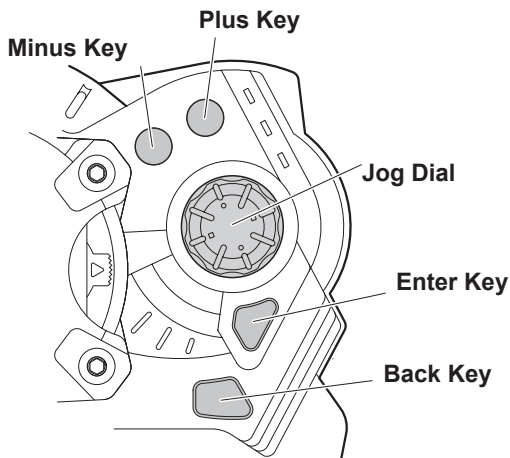
Delete Menu
MENU
INS P27
>DEL
MOVE

Move Menu
MENU
INS P27
DEL
>MOVE

Power Alarm
MENU
>POWER ALARM P28
OPTION

Option Menu*
MENU
POWER ALARM P28
>OPTION

Format (note)
MENU
POWER ALARM P28
>FORMAT



The menu is displayed when 'Enter' is pressed from the initial screen.
The following 11 settings are available in the main menu:

Change Menu

Add Menu

Delete Menu

Move Menu

Power Alarm

Option Menu: LCD Contrast

Option Menu: Buzzer Set: Buzzer Tone

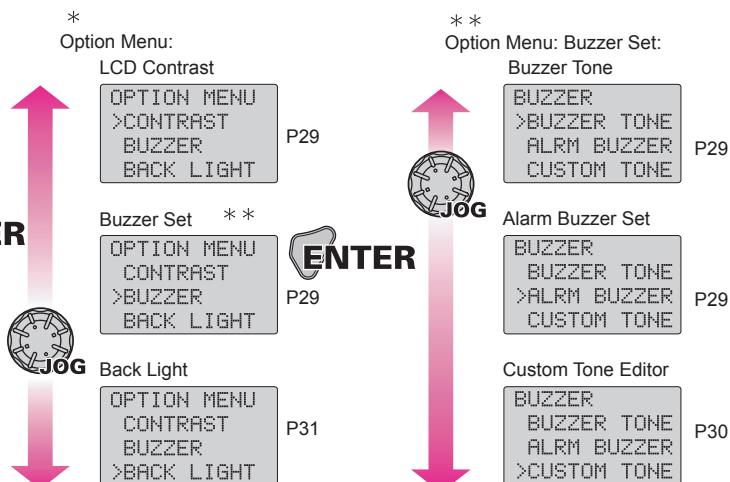
Option Menu: Buzzer Set: Alarm Buzzer

Option Menu: Buzzer Set: Custom Tone

Option Menu: Back Light Setting

Format* Format is displayed only when the Data Pack is installed.

Use Jog Dial or (+) (-) keys to change each screen.
Press 'Enter' key to open each setting screen.



Option Menu divides into three items when it is opened.
In addition, an item is divided into the buzzer settings.

These screens are displayed when the function menu is opened.

Please see each reference page for a detailed operation method, after each screen is opened.

The function menu opens when Jog Dial or (+), (-) keys are operated from an initial screen.

The 28 functions on the right make up the function menus.

* All 28 function menus will be displayed when Master is selected from the menu.

In Custom 1 and Custom 2, only the set content is displayed.

To display all, please refer to Change Menu (P17, P26) and return display menu to Master.



Cannot return to initial screen.

- You can return to the initial screen if you keep pushing the Back Key from any screen that is displayed.

When a function name is chosen from the display list of functions from the menu with the Jog Dial, and 'Enter' is pressed, that particular function opens.
The following screens will be opened when the function name is chosen by Jog Dial or (+), (-) keys, then Enter is pressed.

```
>MODEL SELECT
ET: POSITION
SUB: TRIM
ABS
TH: SPEED
TH: PUNCH
TH: CURVE
TH: BRAKE
TH: HIPOINT
TH: PRESET
TH: ACCEL
ST: SPEED
ST: PUNCH
ST: CURVE
ST: BALANCE
ST: TRAVEL
AUTO: START
MODEL. COPY
MODEL. NAME
MEM. RESET
ADJUST VR
CH. SELECT
REVERSE
TRIM RATE
SET UP
UP TIMER
DOWN TIMER
LAP TIMER
```

Model Select
ET Position
Sub Trim
A.B.S
Throttle Speed
Throttle Punch
Throttle Curve
Throttle Brake
Throttle High Point
Throttle Preset
Throttle Acceleration
Steering Speed
Steering Punch
Steering Curve
Steering Balance
Steering Travel
Automatic Start
Model Copy
Model Name
Memory Reset
Adjust Volume
Channel Select
Reverse Switch
Trim Rate
Select Up
Up Timer
Down Timer
Lap Timer

Model Select

```
MODEL SELECT
1>
2:
3:
```

P32

Throttle Brake

```
TH: BRAKE
      B 100
```

P41

Steering Balance

```
ST: BALANCE
LEFT  70%
RIGHT 70%
```

P50

Channel Select

```
CH. SELECT
>SELECT 2CH
```

P57

ET Position

```
ET1: ST TRIM  0
ET2: TH TRIM  0
```

P33

Throttle High Point

```
TH: HIPOINT
      F 100
```

P42

Steering Travel

```
ST: TRAVEL
      100
```

P51

Reverse Switch

```
REVERSE
>ST  REVERS
TH  REVERS
```

P58

Sub Trim

```
SUB: TRIM
>ST  0
TH   0
```

P34

Throttle Preset

```
TH: PRESET
>ET1-ST TRIM
ET2-TH TRIM
ET3-BRAKE
```

P43

Automatic Start

```
AUTO: START
>START OFF
```

P52

Trim Rate

```
TRIM. RATE
>ST TRIM 10
TH TRIM 10
```

P59

A.B.S

```
ABS
>WIDTH  0
POS  B 60
CYCLE  98
```

P35/36

Throttle Acceleration

```
TH: ACCEL
>WIDTH  0
POS. LOW 5
POS. HIGH 50
```

P44/45

Model Copy

```
MODEL. COPY
COPY TO 2
```

P53

Setup

```
SET UP
>ET1-ST TRIM
ET2-TH TRIM
ET3-BRAKE
```

P60

Throttle Speed

```
TH: SPEED
>SPEED
POSITION
MODE
```

P37/38

Steering Speed

```
ST: SPEED
>SPEED
POSITION
MODE
```

P46/47

Model Name

```
MODEL. NAME
1: _
```

P54

Up Timer

```
UP TIMER
>ET1-ST TRIM
ET2-TH TRIM
ET3-BRAKE
```

P61

Throttle Punch

```
TH: PUNCH
>F  0%
B   0%
```

P39

Steering Punch

```
ST: PUNCH
      0%
```

P48

Memory Reset

```
MEMORY RESET
>NO
YES
```

P55

Down Timer

```
DOWN TIMER
>ET1-ST TRIM
ET2-TH TRIM
ET3-BRAKE
```

P62

Throttle Curve

```
TH: CURVE
>F  0%
B   0%
```

P40

Steering Curve

```
ST: CURVE
      0%
```

P49

Adjust Volume

```
ADJUST VR
>NO
YES
```

P56

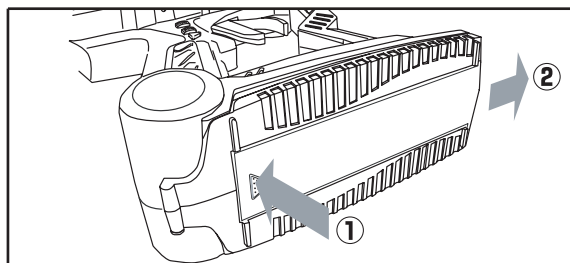
Lap Timer

```
LAP TIMER
>ET1-ST TRIM
ET2-TH TRIM
ET3 BRAKE
```

P63

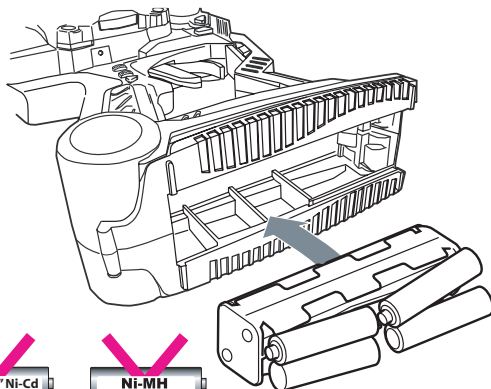
Opening the Cover

- (1) While pressing in the direction of arrow ①, slide the battery cover in the direction of arrow ②.



Inserting Batteries (optional)

- (1) Insert eight "AA" dry cell batteries in the corresponding direction that matches the plus or minus signs found on the dry cell battery box.
- (2) Replace the dry cell battery box into the transmitter with the box's terminals matching the terminals of the transmitter.
- (3) Replace the battery cover.



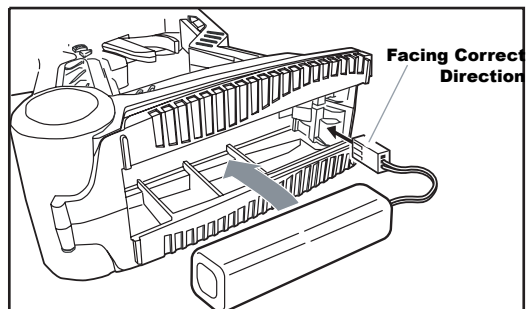
Warning!

Do not charge AA size Ni-Cd or Ni-MH batteries using the dry cell battery box installed in the transmitter. Gases generated during charging may form and corrode the inside of the transmitter.

Inserting a Battery Pack (optional)

- (1) The connector is inserted noting the direction as shown in figure.
- (2) Insert battery pack and close the cover.*
- (3) Be careful not to trap the cord.

*Please attach included sponge to the battery lid when the battery pack is used.

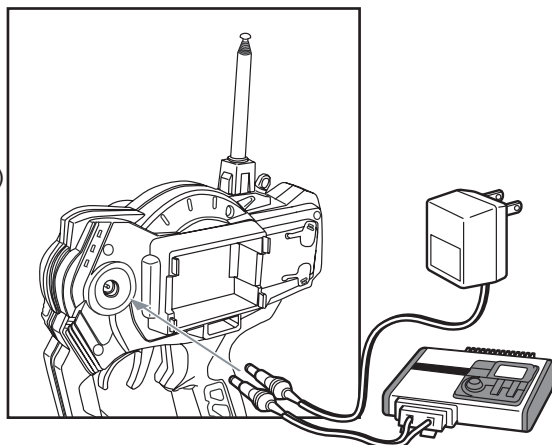


Charging Battery Packs

The transmitter charge jack is suitable for use **ONLY** with JR® Chargers. Use only a JR AC wall charger or a 12V DC charger that is capable of supplying the correct polarity to the charge jack! (**JR transmitter charge jack polarity uses a Negative center pin and Positive barrel.**) Do NOT use any other wall charger as it may reverse polarity and cause damage to your system.

Warning!

Do not charge when dry cell batteries are used. The transmitter will be damaged due to the liquid leakage the explosion of cells while charging.



Discharging Battery Packs

- Please note the battery pack can not be discharged using charging jack.
- Please remove battery pack from main unit for discharging.

Replacing Color Pad and Grip

How to remove pad or grip.

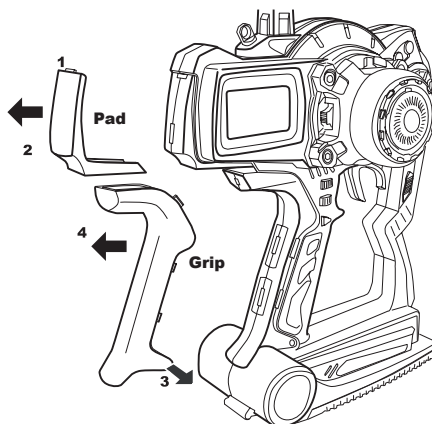
Pull in the direction of the arrow (2), and remove the pad removes using your fingernail (1).

After expanding the lower side (3), the whole grip pulls in the direction of the arrow (4).

How to attach pad or grip.

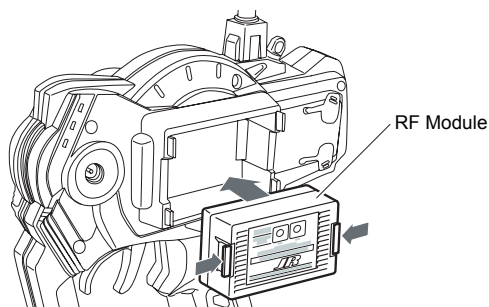
Do this in the reverse order of the removal procedure. The lower side of the pad is slid in. Then using your fingernail, the upper side (1) of the pad is inserted into the transmitter case.

Slide the grip onto the case and then push the six tabs into the case using your fingernails. If it is not easy to insert the tabs into the case, push them in by using a flat screw driver. Do not use anything that will damage the case. Finally, push the guide pins in the lower side (3) into the case.



Changing the RF Module and Channels

- Be sure to turn off the power switch when changing the RF Module or Channel
- To select transmitting channel, turn the channel select dial(s) on the synthesized module.
- Once you have selected the proper channel, cycle the power switch for the radio system to lock in the change.



Caution!



Only the RF Module for Z-1 should be used.