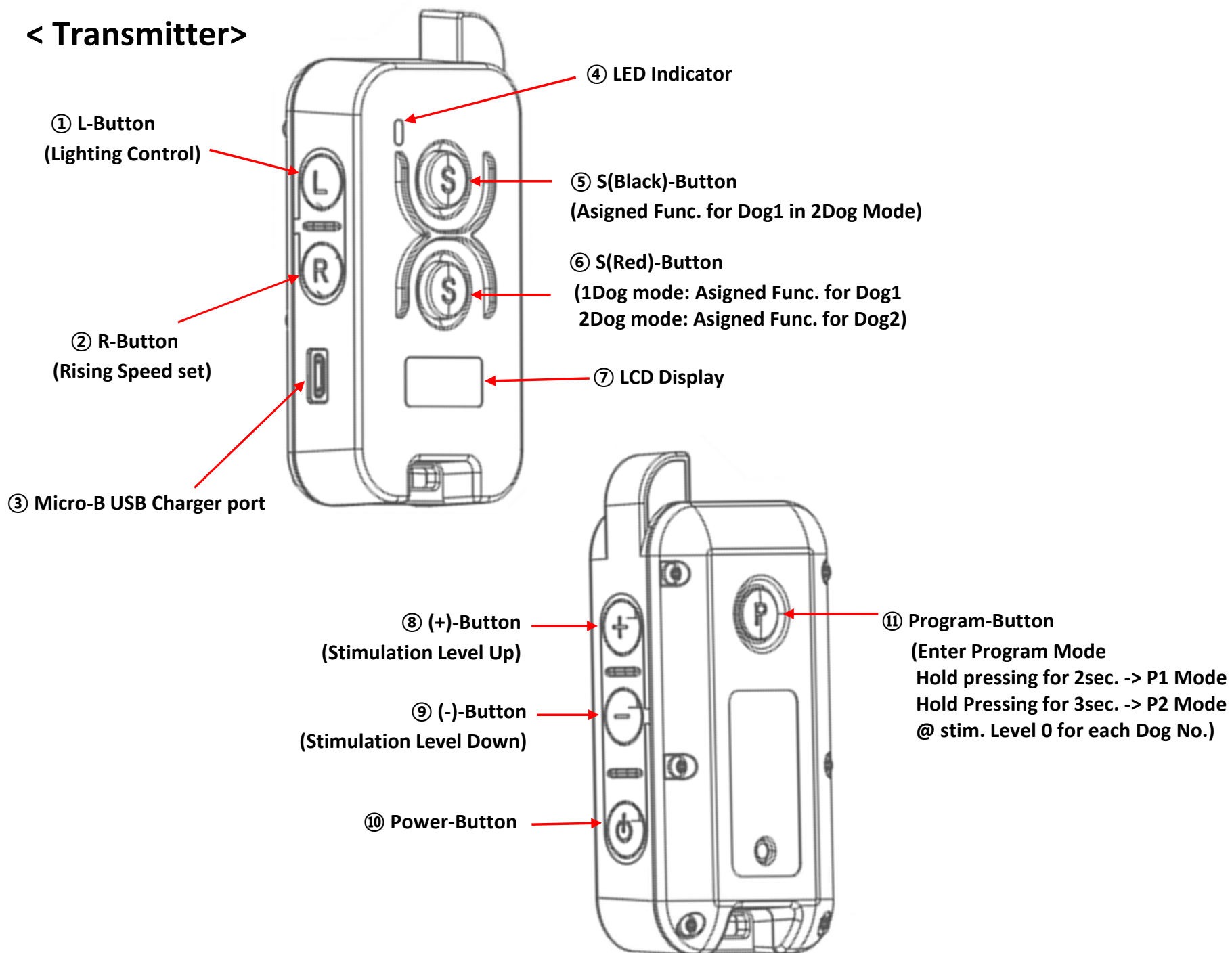


DEVICE OPERATION

< Transmitter >



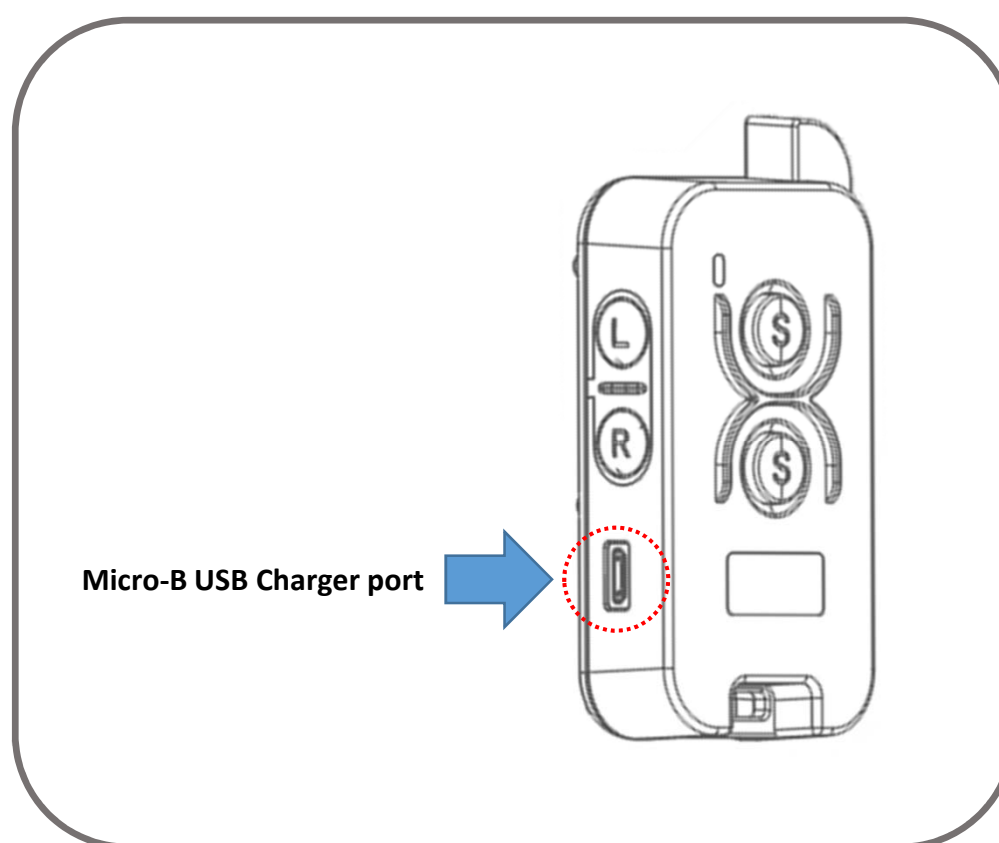
- ① **L-Button** : Selecting Lighting mode operation
- ② **R-Button** : Selecting the operation time of Rising Stimulation Mode
- ③ **Micro-B USB Charger port** : Transmitter Charging Port (Micro-B type USB)
- ④ **LED Indicator** : Indicate signal transmission status and Battery status.
- ⑤ **S(Black)-Button** : Stimulation operation with set stimulation level
- ⑥ **S(Red)-Button** : Operation with pre set mode among Stimulation / Tone / Vibration / Rising Stimulation mode
- ⑦ **LCD Display** : Indicates Transmitter transmission level, operation status, and Dog1/Dog2 status
- ⑧ **(+)-Button** : Stimulation Level Up
- ⑨ **(-)-Button** : Stimulation Level Down
- ⑩ **Power-Button** : Transmitter Power ON/OFF
- ⑪ **Program-Button** : Enter programming mode & Dog select in 2Dog mode

CHARGING THE BATTERIES

Indicator Light is blinking "Green" under normal operation.
solid "Red" when stimulation is applied.
blinking "Red" when recharging is required.

**Do not allow the batteries to get hot or be fully discharged,
store at room temperature and 50% capacity charge.**

Transmitter Battery Charging
The Micro-B USB charging cable can
be used to charge the product.

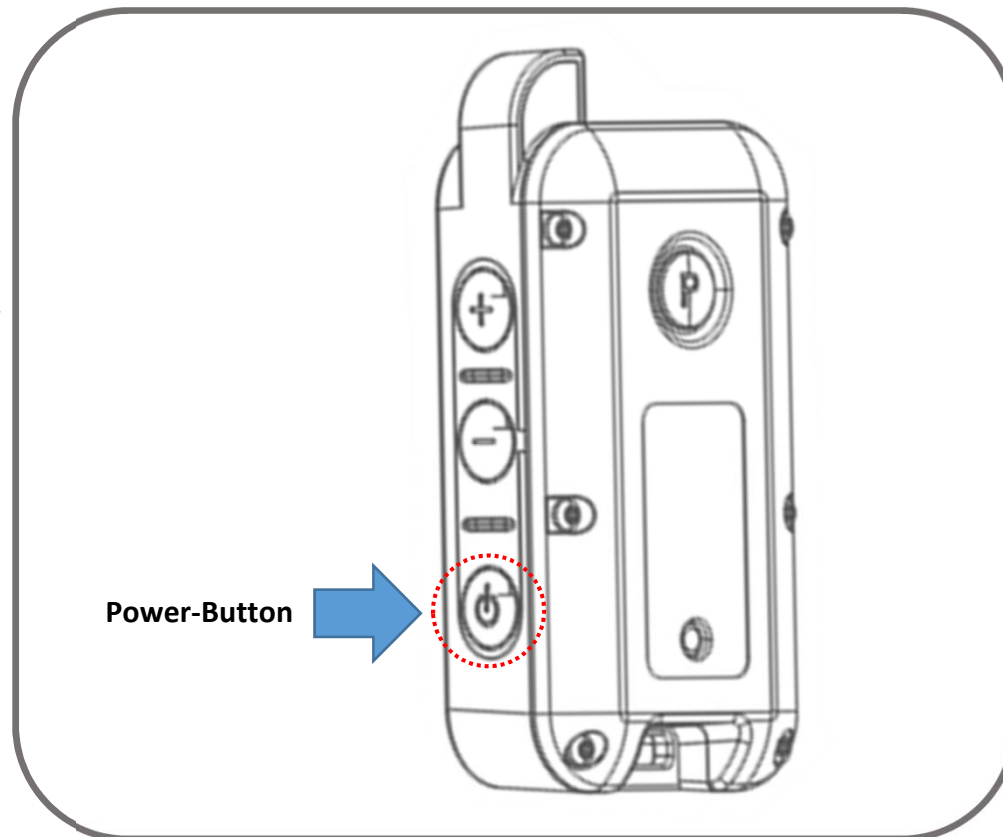


The indicator light will turn solid red during charge cycles and turn green if it is fully charged. (approximately 2 hours)

Please add this about the batteries :
Your e-collar is outfitted with Li-Polymer batteries which requires specific
care to assure longevity. It is best not to let the battery be fully discharged
and if it does, recharge immediately or irreversible damage may occur.
Keep the units away from extreme heat and cold temperatures.

POWER ON/OFF

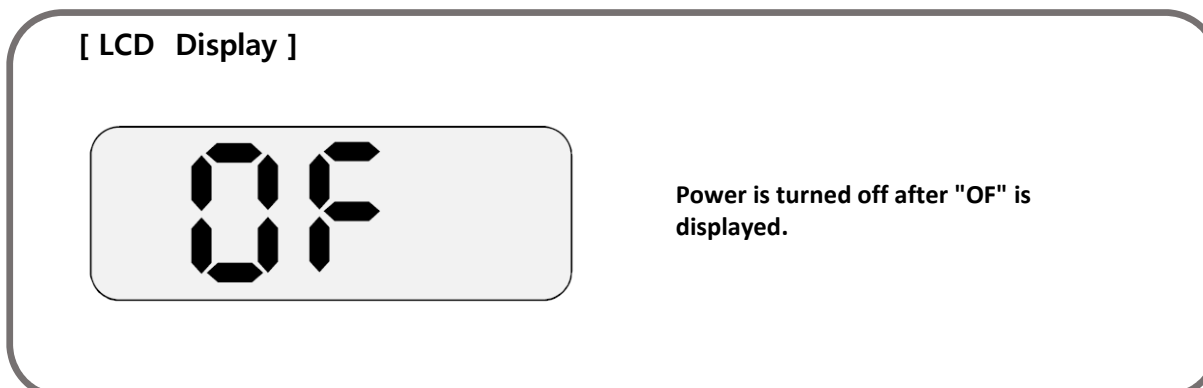
Transmitter can be turned on and off by pressing the Power-Button.



- Power ON: When the TX power is off, press the power button for more than 0.5 seconds to turn Transmitter on.

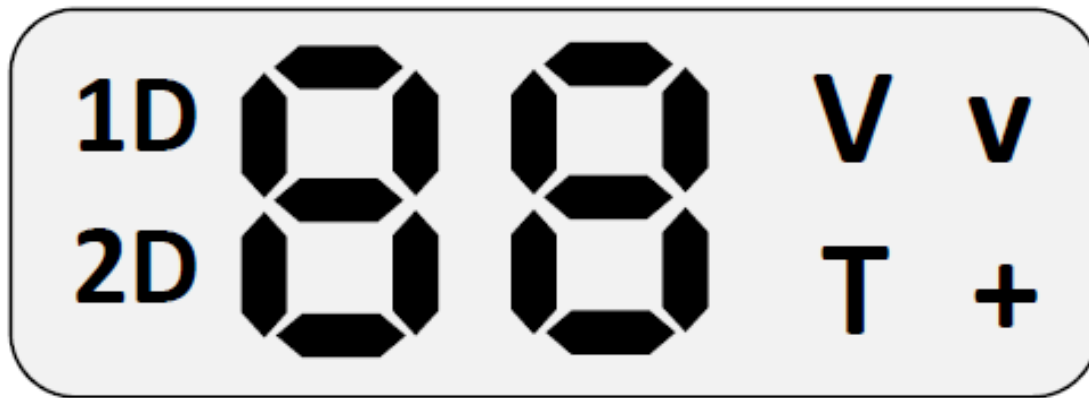


- Power OFF: When Transmitter power is on, press power button for more than 1.5 seconds to turn Transmitter off.



THE LCD DISPLAY DESCRIPTION

[All LCD Display]



● LCD Display

Display	Description
<p>1D</p> <p>2D</p>	<p>Indicate Dog1 / Dog2 in 2Dog Mode (Only 1D is displayed in 1Dog mode)</p> <ul style="list-style-type: none"> - 1D : Dog1 - 2D : Dog2
	<p>(1) Indicate Current Stimulation Level in Standby and Stimulation Mode ("0~HI" Level)</p> <p>(2) Displaying text for other settings and operations</p>
<p>V</p>	<p>Indicate HI-Vibration</p>
<p>v</p>	<p>Indicate LOW-Vibration</p>
<p>T</p>	<p>Indicate Tone</p>
<p>+</p>	<p>Indicate Rising Stimulation and Step to Increase Stimulation Level</p>

FUNCTION DESCRIPTION

● Function Description

- Stimulation

While the button is pressed, the stimulation with currently set stimulation level is transmitted.

(Maximum operating time : 10 seconds)

- Rising Stimulation

While the button is being pressed, it transmits an operation signal whose level increases from the currently set stimulation level to the stimulation max level for a defined time interval.

(Stimulation Max Level and time interval can be set separately.)

- Vibration

While the button is pressed, it transmits a vibration operation signal

Two vibration modes (LOW(weak vibration) / HI(strong vibration)) available.

- Tone or Tone followed by Stimulation (Pavlovian Conditioning)

While the button is pressed, the tone operation signal is transmitted for 1.25 seconds. If the button is pressed after 1.25 seconds, the stimulation signal with the current stimulation level is transmitted.

(Maximum operating time 10 seconds)

- When Transmitter Stimulation Level is "0", only Tone operation signal is transmitted.

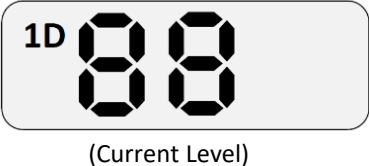
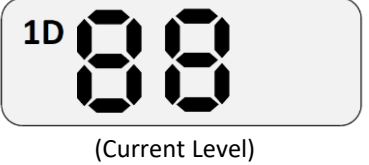
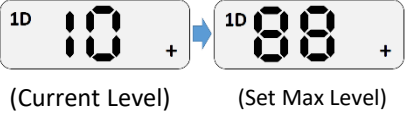





- Lighting

When the button is pressed, a Lighting operation signal is transmitted.

(RX toggles "Ficker -> Solid -> OFF -> Flicker ..." in turns whenever it receives a signal.)

BUTTON OPERATION - 1DOG MODE

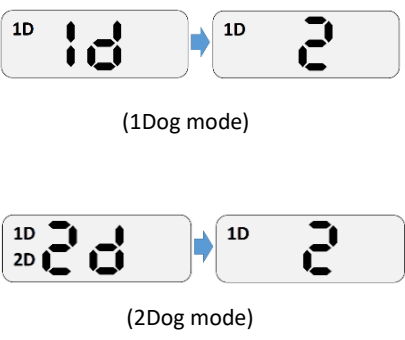
● 1Dog Mode

Button	Function	Description	LCD Display
S(Black)-Button	Stimulation	Stimulation	 (Current Level)
S(Red)-button	Assigned Function in P1 for 1Dog Mode - Stimulation - Rising Stim. - Tone - LOW-Vibration - HI-Vibration	Stimulation	 (Current Level)
		Rising Stimulation	 (Current Level) (Set Max Level)
		Tone or Tone followed by Stimulation * Level "0" : Tone only * Level "1~HI" : Tone followed by Stimulation	 T
		LOW-Vibration	 V
		HI-Vibration	 V
L-Button	Light ON/OFF	Select Lighting Operation Press the button within 1 second.	
		Light OFF * Press the button for 1 second or longer and Light OFF regardless of the current Lighting mode	

R-Button	Rising Stimulation Time Set	Select time to reach at Max Level in Rising Stimulation mode. (Each pressing the button, "0 sec->1 sec->2 sec-> 5 sec-> 1 sec ..." set shifted in turn)	
(+)/(-)-Button	Stimulation Level UP/DOWN	Stimulation Level UP/DOWN	 (0~HI)
Power-Button	Power ON/OFF	Power ON	 (set Level)
		Power OFF	

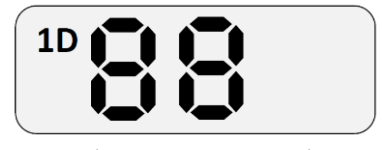
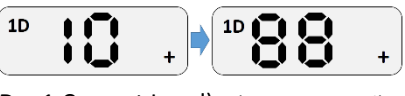


BUTTON OPERATION - 1DOG MODE

Button	Function	Description	LCD Display
at Level = 0 + Program-Button + Over 2 sec	Programming mode	When the button is pressed for more than 2 seconds, it enters programming mode. <i>(Release the button to enter the mode)</i>	
Program-Button + (-)-Button	(+), (-) Level Button Lock	If the button is pressed and released within 1 second, Level Button is locked.	 (When press Level Button while the level button Lock On)
Program-Button + (-)-Button	(+), (-) Level Button Unlock	<i>If the button is pressed within 1 second and released when the Level-Button is locked, the Level Button Lock is released.</i>	 (Standby)
Program-Button + S(Black)-Button	Rising Stimulation	Rising Stimulation	 (Current Level) (Set Max Level)
at Level = 0 + (-)-Button + L-Button	Pairing	TX-RX Pairing	 (TX ID & Version)

<p>at Level = 0 + Program-Button + (+)-Button</p>	<p>Change 1Dog / 2Dog Mode</p>	<p>Change 1Dog -> 2Dog mode (toggle)</p>	 <p>(1Dog mode)</p> <p>(2Dog mode)</p>
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BUTTON OPERATION - 2DOG MODE

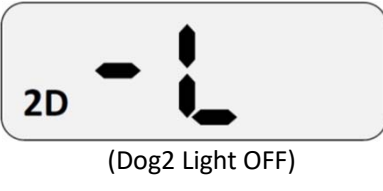
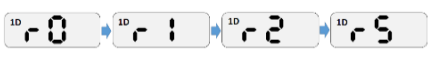

● 2Dog Mode

Button	Function	Description	LCD Display
<p>S(Black)-Button</p>	<p>Assigned Function in P1 for Dog 1 - Stimulation - Rising Stim - Tone - LOW-Vibration - HI-Vibration</p>	<p>Dog1 Stimaultion</p>	 <p>(Dog1 Current Level)</p>
		<p>Dog1 Rising Stimulation</p>	 <p>(Dog1 Current Level) (Set Max Level)</p>
		<p>Dog1 Tone or Tone followed by Stimulation * Level "0" : Tone only * Level "1~HI" : Tone followed by Stimulation</p>	
		<p>Dog1 LOW-Vibration</p>	


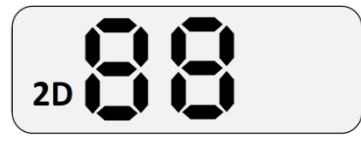




		Dog1 HI-Vibration	
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BUTTON OPERATION - 2DOG

S(Red)-button	Assigned Function in P1 for Dog2 - Stimulation - Rising Stim - Tone - LOW-Vibration - HI-Vibration	Dog2 Stimaultion	
		Dog2 Rising Stimulation	
		Dog2 Tone or Tone followed by Stimulation * Level "0" : Tone only * Level "1~HI" : Tone followed by Stimulation	
		Dog2 LOW-Vibration	
		Dog2 HI-Vibration	
L-Button	for Dog1 and Dog2 Light ON/OFF	Select Dog1 Light operation when displaying 1D on LCD Press the button within 1 second.	
		Select Dog2 Light operation when displaying 2D on LCD Press the button within 1 second.	
		Dog1 Light OFF when 1D is displayed on LCD * Pressing the Light OFF button for more than 1 second regardless of the current Light mode.	

		Dog2 Light OFF when 2D is displayed on LCD * Pressing the Light OFF button for more than 1 second regardless of the current Light mode.	 (Dog2 Light OFF)
R-Button	Dog1 Rising Stimulation Time Set	When Dog1 is displayed on the LCD Select time interval to the maximum level in Dog1 Rising Stimulation. (Each time button is pressed, "0 sec->1 sec->2 sec->5 sec->0 sec ..." toggles in turn)	
	Dog2 Rising Stimulation Time Set	When Dog2 is displayed on the LCD Select time interval to the maximum level in Dog2 Rising Stimulation. (Each time button is pressed, "0 sec->1 sec -> 2 sec -> 5 sec -> 0 sec ..." toggles in turn)	

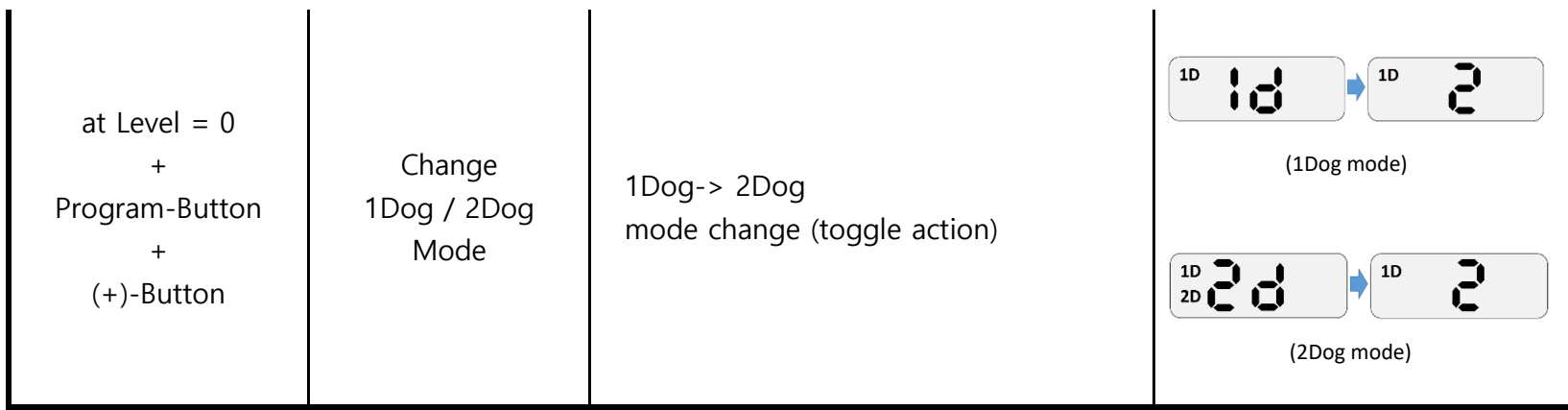
BUTTON OPERATION - 2DOG

(+)/(-)-Button	Dog1 Stimulation Level UP/DOWN	When 1D is displayed on the LCD Dog1 Stimulation Level UP/DOWN	 (0~HI)
	Dog2 Stimulation Level UP/DOWN	When 2D is displayed on the LCD Dog2 Stimulation Level UP/DOWN	 (0~HI)
Power-Button	Power ON/OFF	While in power off state, if hold PWR-button pressing for more than 1sec., turn power on.	 (Set Level)
		While in power on state, if hold PWR-button pressing for more than 1.5sec., turn power off .	
Program-Button	Dog1 / Dog2 Change	Dog1->Dog2 (or Dog2->Dog1) Standby transition	 (Dog1 Standby Display)  (Dog2 Standby Display)

at Level = 0 + Program-Button + over 2 sec	Programming mode	When the button is pressed for more than 2 seconds, it enters programming mode. <i>(Release the button to enter the mode)</i>	
Program-Button + (-)-Button	Dog1 R1(+), R2(-) Level Button Lock	When 1D is displayed on the LCD, Level-Button Lock is set and released in toggle.	 (When pressing the Level Button with the Level Button Lock On)
	Dog2 R1(+), R2(-) Level Button Lock	When 2D is displayed on the LCD, Level-Button Lock is set and released in toggle.	 (When pressing the Level Button with the Level Button Lock On)
Program-Button + (-)-Button	Dog1 R1(+), R2(-) Level Button Unlock	When Level-Button is locked with 1D display on the LCD and the button is pressed within 1 second, the Dog1 Level Button Lock is released.	 (Standby Display)
	Dog2 R1(+), R2(-) Level Button Unlock	When Level-Button is locked with 2D display on the LCD and the button is pressed within 1 second, the Dog2 Level Button Lock is released.	 (Standby Display)

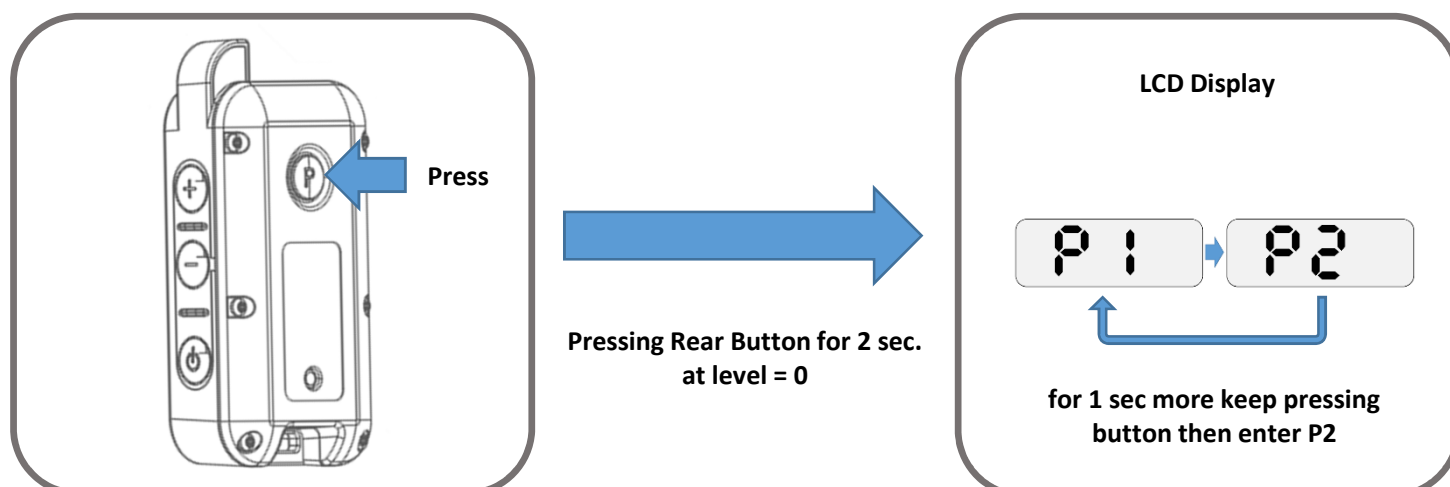
BUTTON OPERATION - 2DOG

Program-Button + S(Black)-Button	Dog1 Rising Stimulation	Dog1 Rising Stimulation	 (Current Level) (Set Max Level)
Program-Button + S(Red)-Button	Dog2 Rising Stimulation	Dog2 Rising Stimulation	 (Current Level) (Set Max Level)
at Level = 0 + (-)-Button + L-Button	Dog1 Pairing	When 1D is displayed on the LCD, Execute Pairing for Dog1	 (TX ID & Version)
	Dog2 Pairing	When 2D is displayed on the LCD, Execute Pairing for Dog2	 (TX ID & Version)



PROGRAMMING MODE

- Press Program-Button at Level 0 for more than 2 seconds and release the button to enter Programming mode-1 (P1).
- If keep pressing the button for 1 second more without releasing button, can enter Programming mode-2 (P2). (When enter the programming mode, the LCD display shows "P1 -> P2" in order and release the Program-button to set the mode.)
- While Program-Button is pressed, it cycles every second by "P1-> P2-> P1...". When you release the button, it enters the mode displayed on the LCD.



< 1Dog Mode >

- In Programming mode, the function of S(Red)-Button for Dog1 can be selected by pressing S(Red)-Button.
- Pressing the Program-Button saves the current settings and exits from Programming mode.

MODE	Setting Value	LCD Display
P1	Program the function of S(Red)-Button (Stimulation / Rising Stimualtion / Tone / LOW- Vibration / HI-Vibration)	
P2	Program Stimulation & Rising Stimulation Max Level	

* Setting stimulation level Increasing step

- Stimulation level is increased by each pressing (+)-Button as much as level increasing step which can be set by one of 1, 5 and 10 steps. (Default setting is 5 steps.)
- Setting Procedure
 1. Enter P1 mode.
 2. Press S(Red)-Button to select Stimulation Mode which has on.
 3. Press Level Up Button ((+)-Button) to set the desired step.
 4. Press the Program-Button to save and exit the programming mode.

Increasing Step	Operation	LCD Display
1 Step	Until LCD shows desired step as "1 +", repeat pressing R1(+)-Button.	
5 Steps	Until LCD shows desired steps as "5 +", repeat pressing R1(+)-Button.	
10 Steps	Until LCD shows desired steps as "10 +", repeat pressing R1(+)-Button.	

* Regardless of the setting of the level increasing step, level decreasing step when press (-)-Button is fixed by 1 step.

PROGRAMMING MODE

< 2Dog Mode >

- In Program mode, the function of S(Black)-Button for Dog1 can be selected by pressing S(Black)-Button and the function of S(Red)-Button for Dog2 can be selected by pressing S(Red)-Button.
- Pressing the Program-Button saves the current settings and exits from Programming mode.

MODE	Setting Value	LCD Display
P1	Program the function of S(Black)-Button for Dog1 (Stimulation / Rising Stimualtion / Tone / LOW- Vibration / HI-Vibration)	
	Program the function of S(Red)-Button for Dog2 (Stimulation / Rising Stimualtion / Tone / LOW- Vibration / HI-Vibration)	

P2	Program Stimulation & Rising Stimulation Max Level for Dog1	
	Program Stimulation & Rising Stimulation Max Level for Dog2	

* Setting stimulation level Increasing step

- Stimulation level is increased by each pressing (+)-Button as much as level increasing step which can be set by one of 1, 5 and 10 steps. (Default setting is 5 steps.)

- Setting Procedure

1. Enters P1 mode.

2. Press S(Black)-Button to select Stimulation Mode for Dog1 which shows the LCD, and press S(Red)-Button to select Stimulation Mode for Dog2 which shows the LCD.

3. Press Level Up Button ((+)-Button) to set the desired step.

4. Press the Program-Button to save and exit the programming mode.

Increasing Level	Operation	LCD Display	
1 Step	Until LCD shows desired step as "1 +", repeat pressing (+)-Button.		
5 Step	Until LCD shows desired step as "5 +", repeat pressing (+)-Button.		
10 Step	Until LCD shows desired step as "10 +", repeat pressing (+)-Button.		

* Regardless of the setting of the level increasing step, level decreasing step when press (-)-Button is fixed by 1 step.

RISING STIMULATION

It is possible to increase the voltage from the current stimulus level to the set maximum stimulus level in preparation for the cognitive stimulus intensity setting or emergency of the dog.

<1Dog Mode>

- Rising Stimulation Operation
 - Press the Rising Stimulation button to increase the stimulus output from the current stimulus level up to the maximum stimulus level.
 - The time to reach the maximum stimulus level can be set by pressing the R-Button.
- Rising Stimulation Operation Button
 - Press Stimulation (Black) -Button and Program-Button with the current stimulus level not "0".
 - In programming mode, set Stimulation (Red) -Button to, 10 5t when press Stimulation (Red) -Button.
- Set stimulus level rise time
 - : Time to reach the maximum stimulus level set from the current stimulus level can be set.
 - Every time you press R-Button in standby, "r0-> r1-> r2-> r5 ..." is changed in turn.
 - When you exit the mode from the currently selected screen, the last selected time is automatically set.



LCD Display	Description
1D r0	When the button is pressed, it immediately outputs the maximum stimulus level.
1D r1	It takes 1 second to reach the maximum stimulus level from the current stimulus level.
1D r2	It takes 2 second to reach the maximum stimulus level from the current stimulus level.
1D r5	It takes 5 second to reach the maximum stimulus level from the current stimulus level.

- The maximum stimulus level can be set in programming mode.

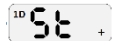

RISING STIMULATION

<2Dog Mode>

● Rising Stimulation Operation

- Press the Rising Stimulation button to increase the stimulus output from the current stimulus level up to the maximum stimulus level.
- The time to reach the maximum stimulus level can be set by pressing the R-Button.

● Rising Stimulation Operation Button

- Dog1 Operation Button
- Press Stimulation (Black) -Button and Program-Button with the current stimulus level not "0".
- In programming mode, set Stimulation (Black) -Button to,  when press Stimulation (Black) -Button.
- Dog2 Operation Button
- Press Stimulation (Red) -Button and Program-Button with the current stimulus level not "0".
- In programming mode, set Stimulation (Red) -Button to,  when press Stimulation (Red) -Button.


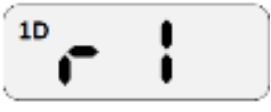
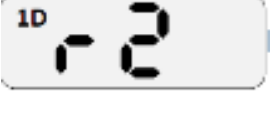

● Set stimulus level rise time

- : Time to reach the maximum stimulus level set from the current stimulus level can be set.
- Every time you press R-Button in standby, "r0-> r1-> r2-> r5 ..." is changed in turn.
- When you exit the mode from the currently selected screen, the last selected time is automatically set.

Dog1 Setting

: In standby mode, press Program-Button to display 1D and press R-Button to set time.

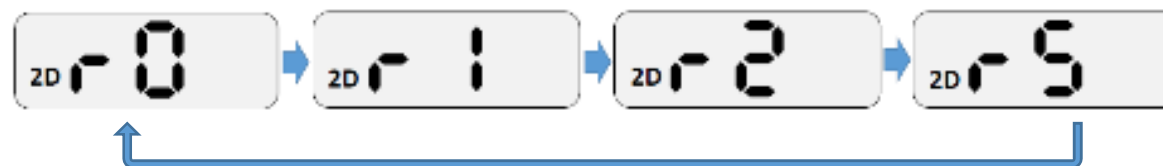


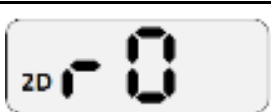
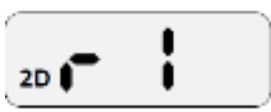
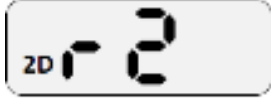
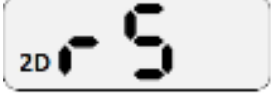
LCD Display	Description
	When the button is pressed, it immediately outputs the maximum stimulus level.
	It takes 1 second to reach the maximum stimulus level from the current stimulus level.
	It takes 2 second to reach the maximum stimulus level from the current stimulus level.
	It takes 5 second to reach the maximum stimulus level from the current stimulus level.

- The maximum stimulus level can be set in programming mode.

Dog2 Setting

: In standby mode, press Program-Button to display 2D and press R-Button to set time.



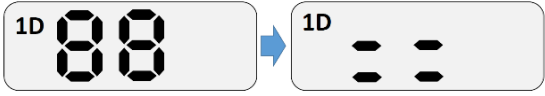

LCD Display	Description
	When the button is pressed, it immediately outputs the maximum stimulus level.
	It takes 1 second to reach the maximum stimulus level from the current stimulus level.
	It takes 2 second to reach the maximum stimulus level from the current stimulus level.
	It takes 5 second to reach the maximum stimulus level from the current stimulus level.

- The maximum stimulus level can be set in programming mode.

STIMULATION LEVEL BUTTON LOCK/UNLOCK

The stimulation level set by the user can be fixed

- Stimulation Level Button Lock
 - Press (-)-Button while pressing Program-Button to set Stimulation Level Button Lock function.
 - When the Stimulation Level Button Lock function is activated, pressing the Stimulation Level Up / Down Button generates a buzzer sound and the Stimulation Level can not be adjusted.
- Stimulation Level Button Unlock
 - If press (-)-Button while pressing Program-Button when Level button Lock function is set, the Stimulation Level Button Lock function is released.



MODE	Operation	LCD Display
Stimulation Level Up/Down Button Lock	if press Rear-Button and (-)-Button simultaneously, Level-Button Lock function is activated..	 <p>(When Level Button is pressed with Level Button Lock On)</p>
Stimulation Level Up/Down Button Unlock	When Level-Button Lock function is set, if press Program-Button and (-)-Button simultaneously, ALL Button Lock function is deactivated.	 <p>(Standby Display)</p>

- Stimulation Level Up/Down Button Lock/Unlock setting is independent to the ALL Button Lock/Unlock setting. For example, if the ALL Button Lock function is released, the Stimulation Level Up / Down Button Lock setting will not be released.

PAIRING

1. Power on Transmitter.
2. Change Transmitter Stimulation Level to "0" using (-)-Button.
3. Power off Receiver
4. Press and hold the Power-button on the Receiver and release the button when the Receiver LED indicator flashes green.
5. Hold down (-)-Button on the Transmitter and press L-Button.
6. Pairing is completed with buzzer sound of Receiver.

*** Pairing when 2Dog Mode**

MODE	Operation	Operation	LCD Display
at Level = 0 + (-)-Button + L-Button	1Dog Pairing	When 1D is displayed on the LCD Execute Pairing	 (TX ID & Version)
	2Dog Pairing	When 2D is displayed on the LCD Execute Pairing	 (TX ID & Version)

FCC Statements

Model: FE-560 TX
 FCC ID: 2ASPX-FE-560TX

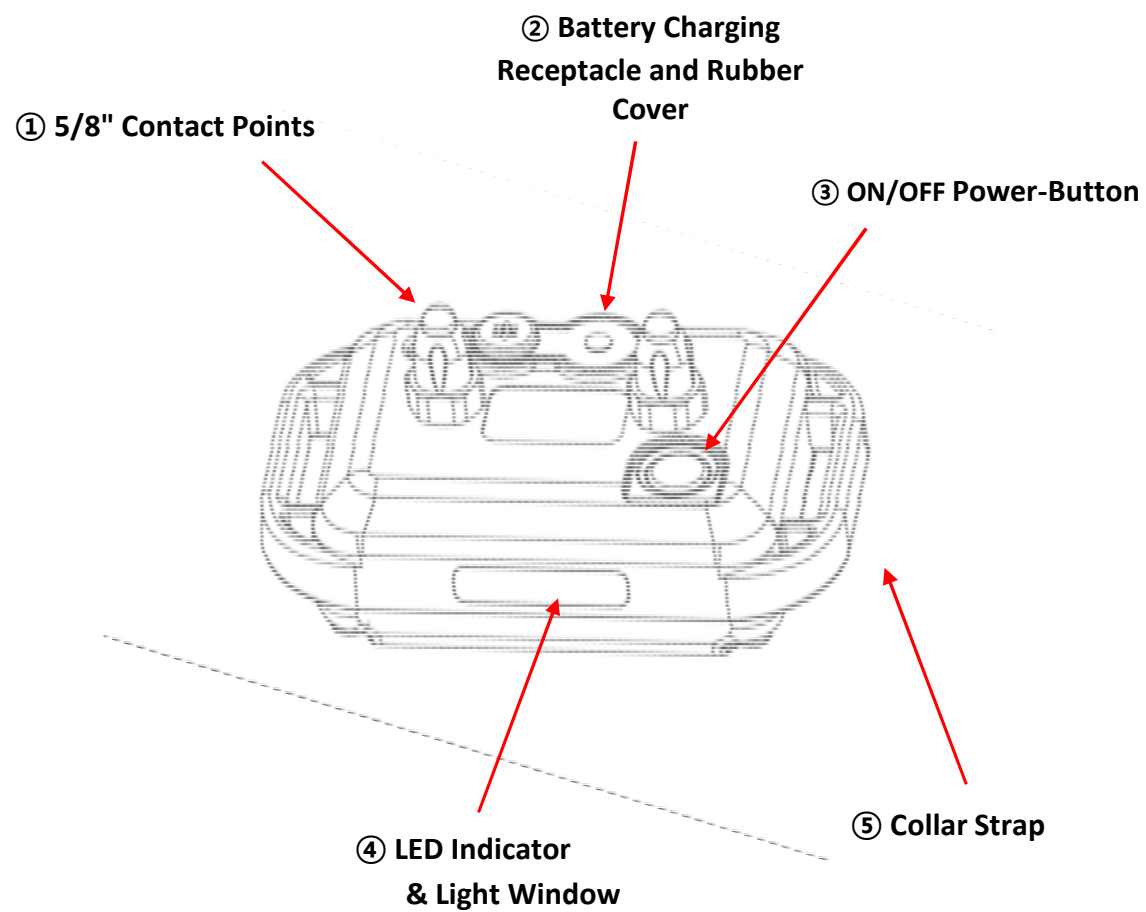
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Warning

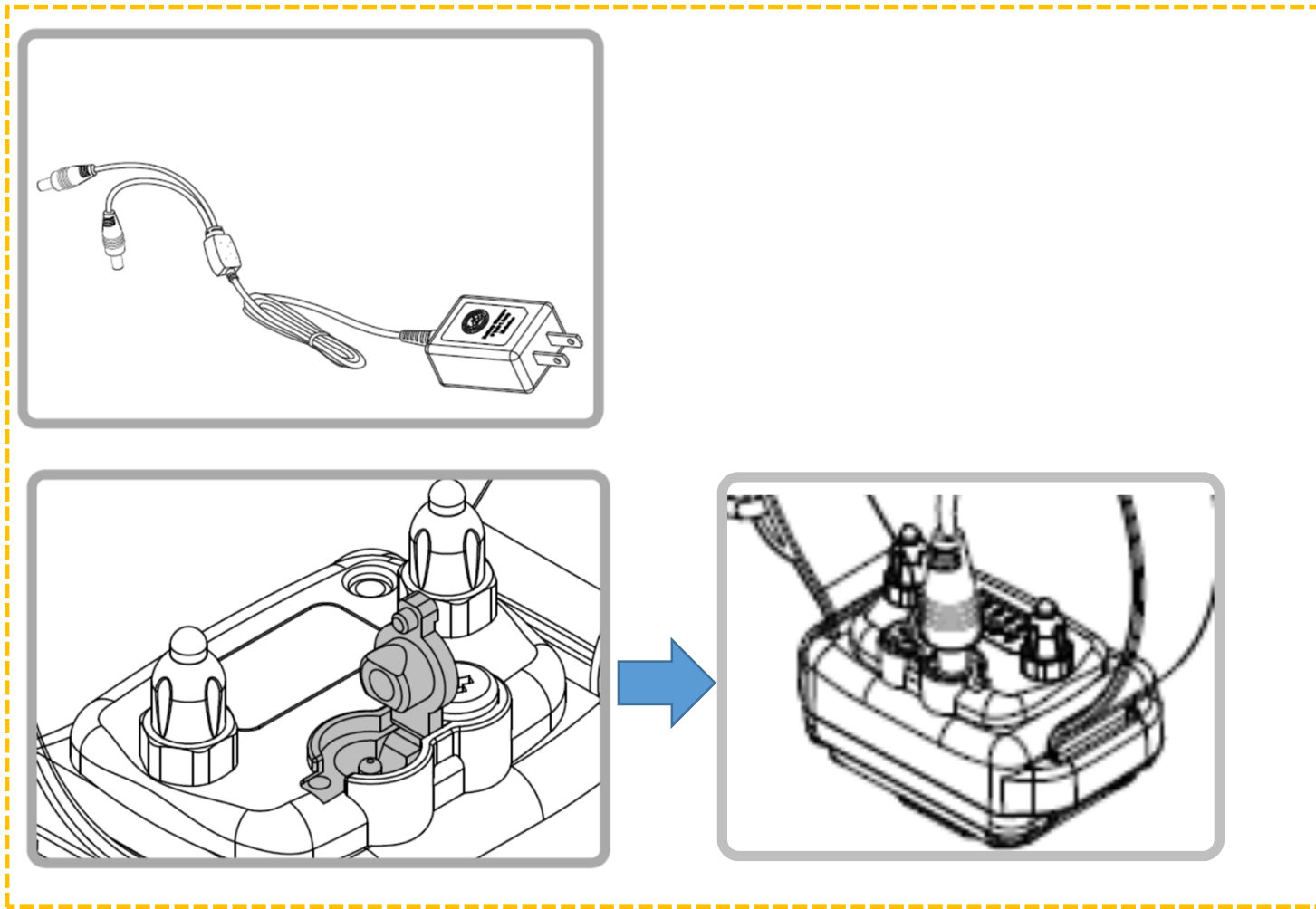
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

< Receiver >



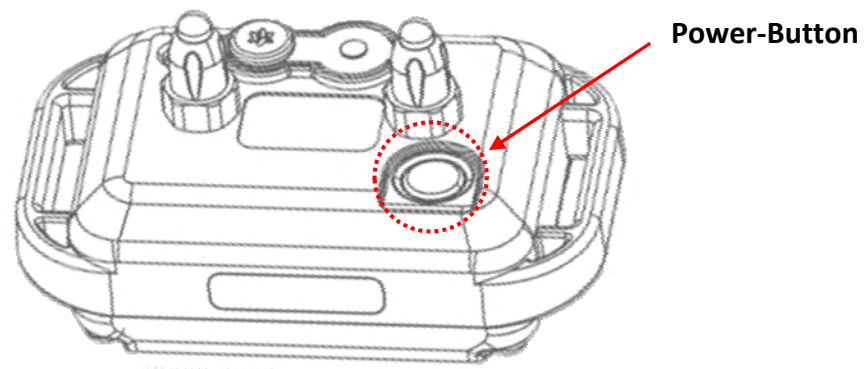
- ① 5/8" Contact Point
- ② Battery Charging Receptacle and Rubber Cover
- ③ Power-Button : Receiver Power ON/OFF
- ④ LED Indicator & Light Window : Battery indicator & Light
- ⑤ Collar Strap

Collar Receiver Battery Charging Receptacle and Rubber Cover.



이미지 수정 필요

Collar Receiver can be turned on and off by pressing the Power-Button.



- **Power ON** : When the receiver is off, press the Power-Button for more than 1 second to turn it on.
- **Power OFF** : When the receiver is on, press the Power-Button for more than 1 second to turn it off.