BRB Systems USA Co.

Instruction Manual

Console

IMPORTANT: Read and understand this manual before assembling, installing or

using this system. Improper use of this system can cause serious injury.

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(1) Safety Information

<div style="border:1px solid black; padding:10px">

CAUTION:

This system is powered by electricity. To reduce the risk of electric shock, do not remove any cover from the apparatus. There are no user serviceable parts inside. Refer servicing to
BRB Systems USA Co.

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Make certain that any person assembling or installing this system has read and fully understood this Instruction Manual. It is your guide to safe and proper operation of this system.

- The enclosure for this apparatus is not waterproof. Do not allow liquid entry into the components.

- Protect the power cord from being walked on, pinched or damaged in any way.

- Disconnect this apparatus from its power source during lightning storms or when unused for extended periods of time.

- Use only the attachment parts/accessories supplied by BRB Systems USA Co.

- Ensure that any cabling associated with this system is routed so as not to cause a tripping hazard for the systems operators or users. Where cabling must be routed across walkways the use of rubber walkway mats is recommended.

(2) Installation

Installation of this apparatus is as simple as placing it on a flat solid surface and connecting it to the power source via the supplied dc power supply. Wall mounting is also possible by screwing the supplied bracket to the wall and

snapping the Console onto the bracket. If wall mounting of the console is chosen then be aware that once fitted to the wall bracket the Console is extremely difficult to remove from this bracket.

(3) <u>**Operation**</u>

The primary role of the Console is to apply, remove and monitor credit or count from a Dongle.   The Console is also used to set the ground ID, in the Dongle and the Counter, so that Dongles will only operate BRB Counter Systems with the same ID.

<u>Button/Switch Operation</u>

ON/OFF switch = Wakes the Console from sleep or sends it back to sleep.

COUNT↑↓ switch = Sets the Console into Count Up or Count Down Mode when programming or zeroing a Dongle.

Keypad = Used to sequence through the programs, make selections and input values.
→is the equivalent of 'Enter' on a standard keyboard.

Display = Used to show count/credit and programming sequences.

<u>Dongle</u>

To release a target using a BRB Counter System a valid Dongle must be inserted into the Counter socket. If the Dongle is set to Count Up Mode, then the shooter may release 10,000 individual targets before the count will need to be reset. If the Dongle is set to Count Down Mode then then the club will program the required number of individual targets into the Dongle using the Console. Any amount between 0 and 999 can be programmed.

Monitor Dongle Credit or Count

Either, insert the Dongle into the socket of the Console and press ON/OFF, or press ON/OFF and then insert the Dongle into the socket. If the ON/OFF button is pressed while there is no Dongle present the display will read 'Idle' until the Dongle is inserted. If no Dongle is inserted within 30 seconds then the Counter will return to sleep. If a Dongle is inserted and no action is taken within 30 seconds then the Counter will return to sleep.

With a Dongle inserted and the power ON, the display will show the count stored in the Dongle. If the Dongle is set to Count Up Mode then the display will read between 0 and 10,000 and will be displayed as follows:

1234

When the display reads in this manner, the Dongle has counted that 1234 targets have been released.

Count Down Mode can be distinguished as follows:

.9.8.7

When the display reads in this manner, the Dongle is set to Count Down Mode and has a 987 target credit.

Zero A Dongle

To remove the count or credit from a Dongle, power ON the Console and insert the Dongle.

Press the → key.

The following rules apply regardless of whether the Dongle to be zeroed has previously been used in Count Up or Count Down Mode:

If the COUNT↑↓ switch is in the COUNT↑ position when the → key is pressed the display will immediately remove the count.

The display will read clr followed by done followed by 0.

The Dongle now has zero count and is ready to be used in the field again as a count up Dongle.

If the Count↑↓ switch is in COUNT↓ position when the → key is pressed, the option to add more credit to the Dongle before zeroing is offered.

When the → key is pressed the display will read .__.__.0 prompting the user to add more credit. If no more credit is required press → again.

The display will read . . .0
After adding credit the Dongle would be ready to use again.

Program Dongle Credit or Count

Any Dongle can be used in Count Up or Count Down Mode regardless of how it has been used in the past.
To use a Dongle in the opposite mode from that it was used in previously, simply zero the Dongle in the new mode it is to be used in.

Count Up Mode - For a Dongle to be used in Count Up Mode, once zeroed there is no programming that needs to be done. If the ground ID of the Dongle matches the Counter it is to be used on it can be used to release up to 10,000 targets.

Count Down Mode - For a Dongle to be used in Count Down mode the amount of target credit required by the shooter must be programmed. Count Down credit ranges from 0-999 targets.

Ensure that the Count↑↓ switch is set to ↓.

Insert a Dongle into the socket and power ON the Console.

Press the → key. The display will read; .__.__.0 prompting the input of the required number of credits.
Using the keypad input the number of credits to a maximum of 999.

Press the → key.

The display will read done followed by the number of credits.
Remove the Dongle and use.

Ground ID

BRB Systems USA Co. preprograms each Dongle and Counter System with a unique ground ID. Therefore under normal circumstances ground ID should not need to be programmed by the customer. However if a change in ground ID is required then follow the instructions below.

To change the ground ID, each Counter and Dongle must be programmed with the new ground ID. For a Dongle this is done by reprogramming it in the Console. For a Counter this is done by inserting a Dongle, that has been programmed as a Ground ID Dongle, into the Counter socket.

Program A Counter With A New Ground ID

(1)Make A Ground ID Dongle

A Ground ID Dongle can be made of any Dongle that has been zeroed or has a count/credit stored on it.

Power on the Console and insert a Dongle.
Switch the Count↑↓ switch to Count↑.
Press the ← and →keys simultaneously.
The display will read gr.id followed by a prompt for the new ground ID number, which will read _ _ _ _
Using the keypad input the new 4 digit ground ID number, which will be displayed on the screen.
Press the → key. The display will read done
The Dongle is now a Ground ID Dongle.

Note: The ground ID is always 4 digits. Less than 4 digits will be rejected and the display will read Err.4 before returning to the partial ground ID number keyed in. The remainder of the 4 ground ID numbers can now be keyed in and programmed. Alternatively the ground ID process can be aborted by pressing the ← key. The display will read Abrt before returning to the original Dongle count/credit.

<u>(2)Program The Counter</u>

Power ON the Counter that is to receive the new ground ID.
Insert the Ground ID Dongle.

The display will read gr.id followed by done
Remove the Ground ID Dongle.
The counter will now only accept Dongles with the new ground ID. Repeat with the as many Counter units as necessary.

<u>Program A Count/Credit Dongle With A New Ground ID</u>

When the Ground ID Dongle was programmed the Console also learned the new ground ID and is ready to reprogram the count/credit Dongles with the new ground ID.
Power ON the Console and insert a Dongle.

The display will read Err.3

Press the → key.

The display will read clr followed by done followed by 0
The Dongle has been reprogrammed with the new ground ID and is ready for use.

<u>Return A Ground ID Dongle To Credit/Count Use</u>

When reprogramming of each Counter is completed, insert the Ground ID Dongle into the Console.

The display will read Err.9 followed by Clr followed by done before returning to zero in whichever count mode the Count↑↓ switch is set.
The Dongle has been returned to count/credit use.

(4) <u>Maintenance</u>

The rugged manufacture of the BRB Tally Trap Counter Release System should ensure many years of trouble free use if it is not abused and given simple maintenance.

- Avoid moving any component of the system by pulling it by the cabling.

- Do not allow any component to be immersed in water.

- Regularly inspect the power cord from the power source to the Console. If any wear or damage is found, replace immediately.

There are no settings or adjustments that can be made to the system by the user. Should difficulty be found with the system operation, do not remove any of the system covers. This will void the system warranty and may result in an electric shock hazard.

Refer servicing to BRB Systems USA Co.

(5) <u>Counter Codes</u>

0= Reverse connections. In and Out are backwards. Tally only.

2 = Insert Dongle. Ground ID change required.

3= Bad ground ID. Dongle is from another ground.

4= Need 4 characters. If less than 4 characters are input into ground ID.

5= Bad Dongle. Dongle is unresponsive.

9 =Programmed as Ground ID Dongle, not a counting Dongle.

Immediately cleared.

(6) **BRB Systems USA Co. - Limited Warranty**

This BRB Systems USA Co. product, supplied in the original packaging to the original purchaser, is warranted by BRB Systems USA Co. against manufacturing defects in materials and workmanship for a limited warranty period of

<p align="center">One (1) Year Parts and Labor.</p>

This limited warranty begins on the original date of purchase and is valid only on products purchased and used in the USA. This warranty will terminate automatically prior to its stated expiration if the original purchaser sells or transfers the product to any other party.

BRB Systems USA Co. will repair or replace this product, at our option and at no charge as stipulated herein, with new or reconditioned parts or products if found to be defective during the limited warranty period specified above.
All replaced parts and products become the property of BRB Systems USA Co. and must be returned to BRB Systems USA Co. Replacement parts and products assume the remaining original warranty or ninety (90) days, whichever is longer.

This limited warranty covers defects in materials and workmanship encountered in normal use of this product and shall not apply to defects or injuries caused by the following, including, but not limited to: damage which occurs in shipment; delivery and installation; applications and uses for which this product was not intended; product alterations not authorized by BRB Systems USA Co.; cosmetic damage or exterior finish; accidents; neglect; fire; water damage; vermin or insect infestation; lightning or other acts of nature; use of products, equipment systems, utilities, services, supplies, accessories, applications, installations, repairs, external wiring or connectors not supplied or authorized by BRB Systems USA Co. which damage this product or result in service problems; incorrect electrical line voltage; fluctuations and surges; customer adjustments and failure to follow operating instructions, cleaning, maintenance and environmental instructions that are covered and prescribed in the Instruction Manual.
BRB systems USA Co. does not warrant uninterrupted or error-free operation of the product.

BRB Systems USA Co. shall not be liable for loss of revenue or profits, failure to realize savings or other benefits, or any other special, incidental or consequential damages caused by the use, misuse or inability to use this product, regardless of the legal theory on which the claim is based, even if BRB Systems USA Co. has been advised of the possibility of such damages. Nor shall recovery of any kind against BRB Systems USA Co. be greater in amount than the purchase price of the product sold by BRB Systems USA Co. Without limiting the foregoing, the purchaser assumes all risk and liability for loss, damage or injury to purchaser and purchaser's property and to others and their property arising out of the use, misuse or inability to use this product sold by BRB Systems USA Co. not caused directly by the negligence of BRB Systems USA Co.

To receive warranty service contact BRB Systems USA Co. for problem determination and service procedure. If it is determined that the product requires warranty service, ship the product, in its original packaging or its equivalent, together with proof of purchase, prepaid insured to BRB Systems USA Co.

Products repaired or replaced under warranty will be returned to you, within a reasonable time, freight prepaid.

To obtain warranty service contact BRB Systems USA Co. at:

<p align="center">brbsystemsusa@yahoo.com</p>

<p align="center">or call: 412-7732128</p>