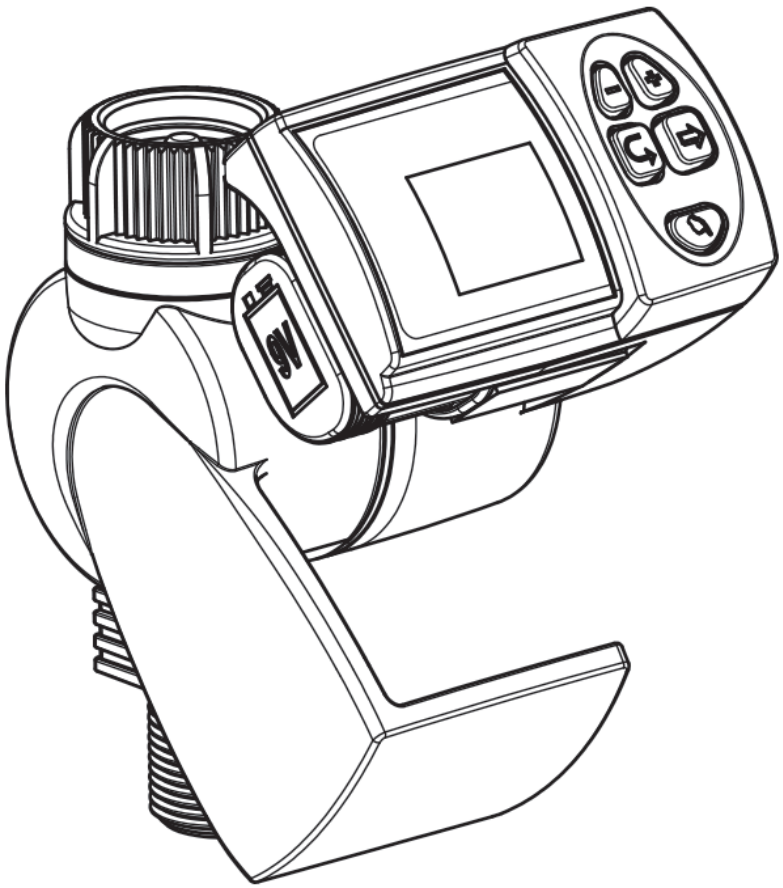
11000BT Bluetooth
Hose-End Battery Operated Irrigation Controller



galcon

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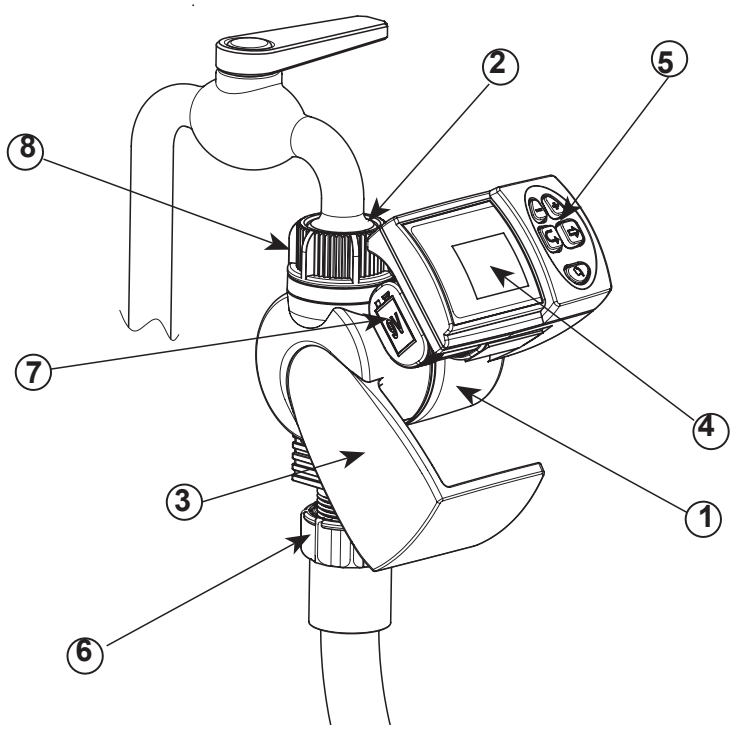
1. PARTS IDENTIFICATION

HOSE END TIMER

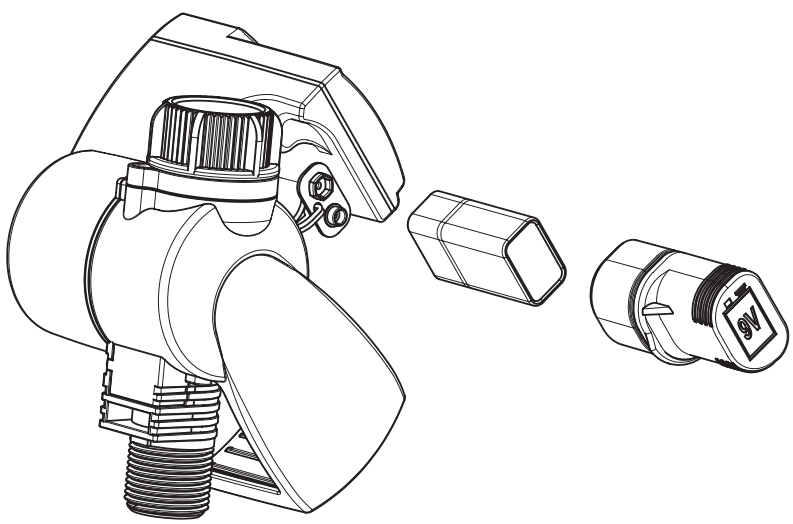
1.Controller body
2. Interior filter
3. Base
4. Controller display
5. Programming and operation buttons
6. Male hose thread connection
7. Battery compartment
8. Female swivel hose thread faucet/tap adaptor



2. BATTERY INSTALLATION

- Turn the controller to the position were the display is facing you
- Remove the battery compartment cover
- Connect 9V battery to the battery connector
- Insert battery and press on battery cover
- Pay attention: when changing the battery, make sure the battery compartment stays dry.

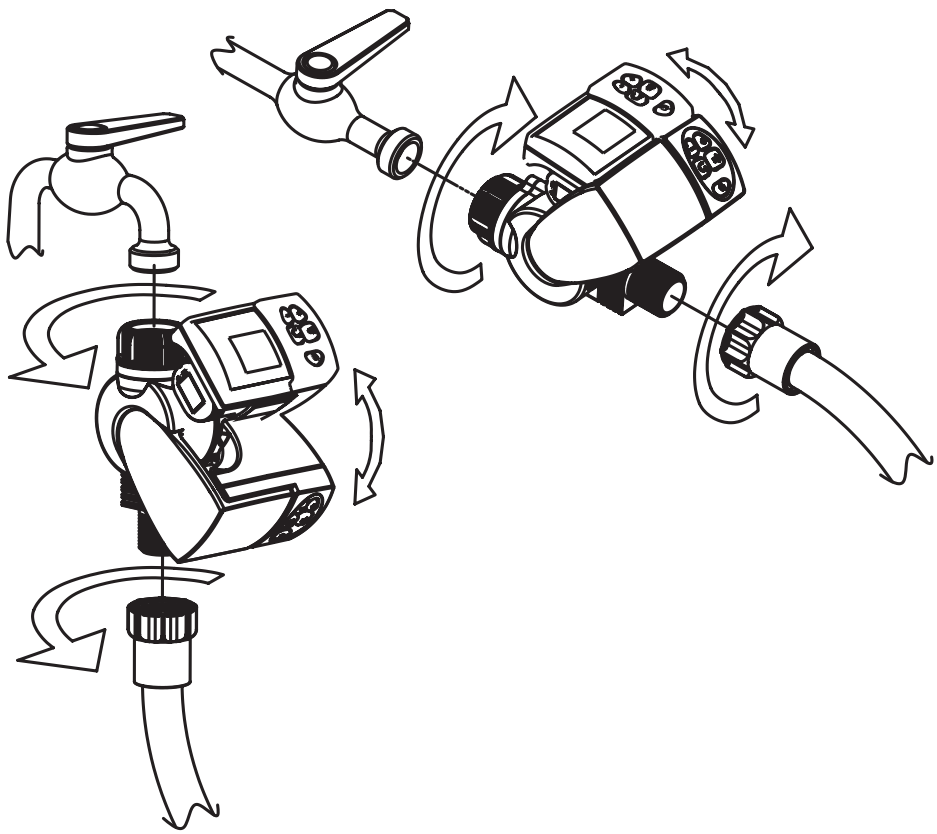
Use Alkaline batteries only



Please note: when finished, always turn the controller back to the original position: the display is covered by the base

3. CONTROLLER/TIMER INSTALLATION

Make sure the filter (washer) is in place, then screw the controller to the faucet/tap by attaching the side with the female swivel hose thread connector to the faucet or hose end, then turn it clockwise (hand tighten only).Connect the controller hose male thread side to your system.



4. IRRIGATION PROGRAMMING

This section contains an example of weekly irrigation program. Simply alter data in the example to adapt the program to meet your irrigation requirements.
The digital controller is programmed with the aid of 4 buttons.

- Programming step – used to select the appropriate programming mode (e.g. clock setting mode).
- Parameter selection – used to select the parameter to be changed (e.g.hour, minute,etc.) To implement the change, the selected parameter must be blinking.
- Data increment (increase) – raises the value of the selected parameter (e.g. adds an hour)
- Data decrement (decrease) – lowers the value of the selected parameter (e.g. deducts an hour).

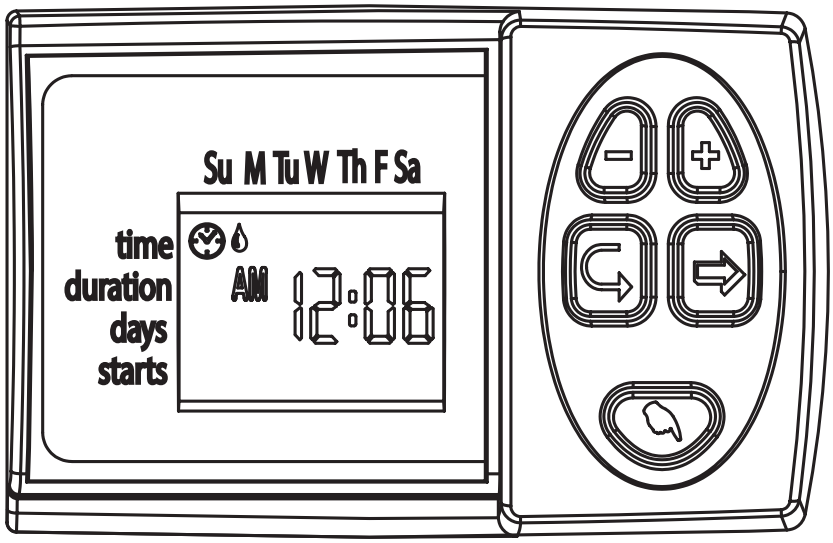
If no changes are implemented, the controller display will always revert to the main screen (clock).
Display digits will stop blinking after 40 seconds. If the last parameter stops blinking before you have completed your programming, press to continue the process.
Emergency Irrigation: After inserting batteries if no buttons are pressed,the clock will blink continuously.After 10 minutes, the controller will implement 5-minute irrigation on a 24-hour cycle.

SETTING CURRENT TIME & DAY OF THE WEEK

Setting The Clock

To enable the irrigation controller to operate the irrigation system at the required times, the current time and day of the week must be set as shown below:

1. Press ⟲ several times until 🕒 appears.
2. Press ⇨ . The hour digits blink. Set the current hour with the aid of ⊕ or ⊖.



3. Press ⇨. The minute digits blinks. Set the current minute with the aid of ⊕ or ⊖.

Setting The Day Of The Week

1. Press ⇨ until a blinking drop appears at the top of the display.
2. Set the drop on the current day of the week by pressing on ⊕ or ⊖.

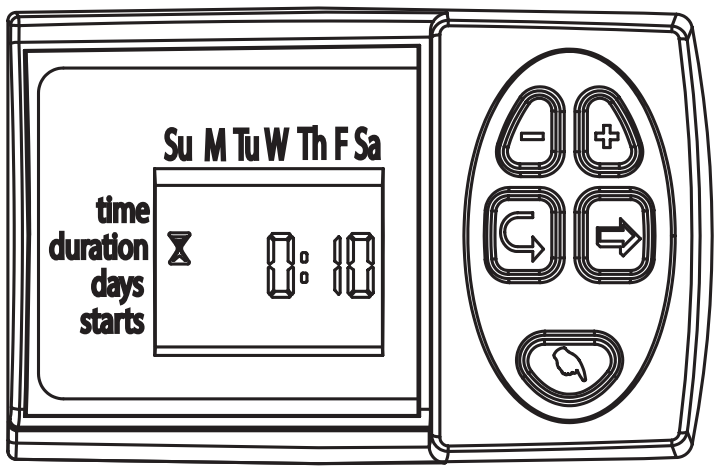
For a 24 hour clock display, press concurrently on ⊕ and ⊖ buttons once the hour digits stop blinking.
Pressing these buttons again will revert the display back to AM/PM hour display.

PROGRAMMING A WEEKLY IRRIGATION SCHEDULE (SET DAYS OF THE WEEK)

Let's assume that we want to program the irrigation controller to water three times a day, at 8:00 a.m., 1:00 p.m. and 7:00 p.m., for 10 minutes each time, on Tuesday and Friday.

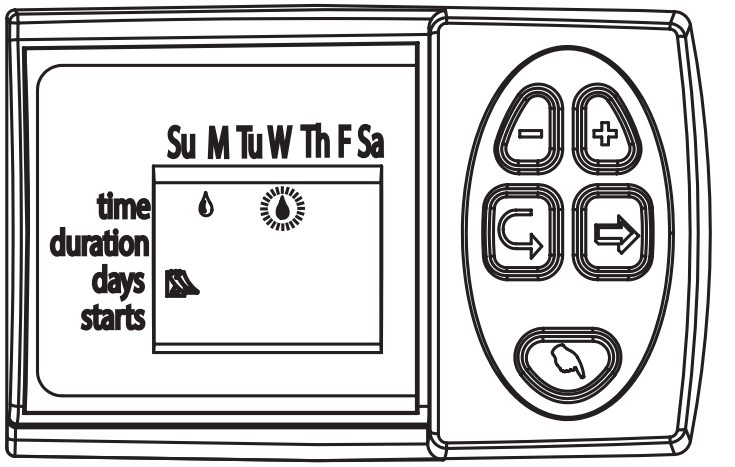
PROGRAMMING DURATION OF IRRIGATION

1. Press ⟲ until ⧗ appears opposite "Duration". The digits blink (0)
2. Press on ⊕ or ⊖ to change the watering duration in the example.
   Please note: after first 15 minutes, the duration will be set in 15 minutes intervals



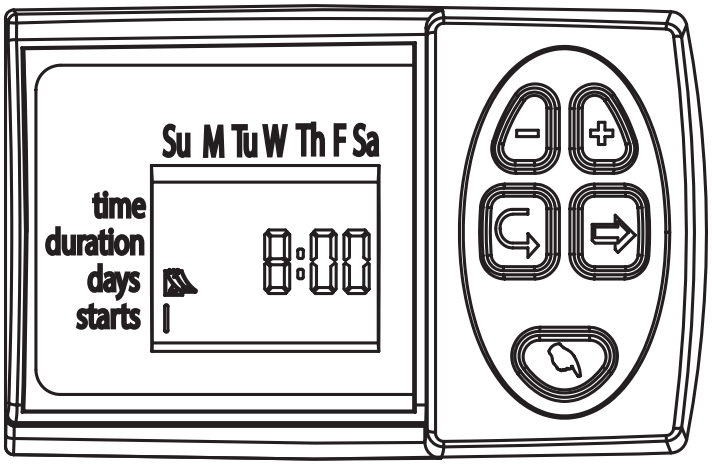
PROGRAMMING IRRIGATION DAYS

1. Press ⟲. ⛥ will appear opposite the word 'Days'. If you are programming the controller for the first time, the word OFF will blink on the display.
2. Press ⇨. 💧 A blinking will appear under Monday in the upper section of the display. Using ⇨, position the blinking marker under Tuesday, and press ⊕. The marker under Tuesday will stop blinking and another marker will start blinking under Wednesday. Press ⇨ twice more until the blinking marker reaches Friday. Press ⊕ again.



SETTING IRRIGATION START TIME/DATE

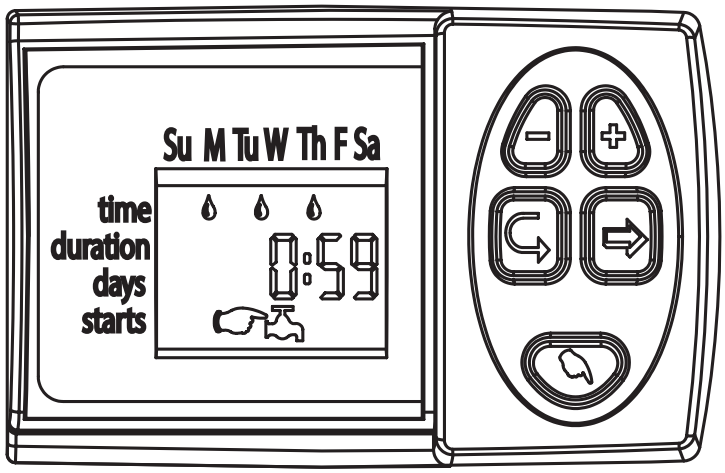
1. Press ⟲. STARTI will appear on the display. Press ⇨. The hour display will start blinking.
2. Using ⊕ or ⊖ set the start time at 08:00 AM (note the AM/PM indicators). Repeat this operation for the second irrigation period (START II) at 13:00, and for the third irrigation period (START III) at 19:00.
3. Press ⟲. START IV will appear on the display. Press ⟲. The hour digits will blink.
4. Press ⊕ or ⊖ until the word OFF appears on the display. The fourth irrigation start is canceled.



COMPUTERIZED MANUAL OPERATION

This option operates the valve for the defined irrigation period. The valve will close automatically at the end of the irrigation period. Note that the originally programmed irrigation schedule will continue to function at the set times. This setting cannot be implemented when the display is blinking.

Operation: Press . will appear next to the word 'Manual', and will appear underneath it.



BLINKING LOW BATTERY WARNING

A blinking battery icon ( ) appears on the display when the batteries are low. At this point, the battery still contains a limited amount of energy for valve operation. The battery should be replaced promptly.

If the battery is not replaced, the irrigation controller will continue to open the valve 8 times according to the program. It will then suspend the program and OFF will appear on the screen. Program data will be retained for 30 seconds while changing battery.

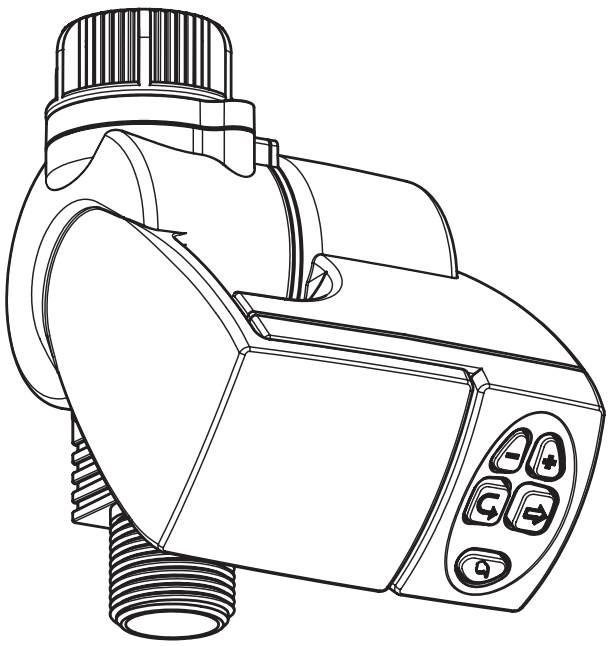
MISSING DEFINITION IN IRRIGATION PROGRAM

noPr will appear when programming irrigation days (see Programming a Weekly Irrigation Schedule), if no irrigation days have been specified. in this case, the valve cannot be opened during the computerized manual operation (see Computerized Manual Operation).

Please note: when finished, always turn the controller back to the original position. See page 14.

5 Maintenance

Remove batteries if the irrigation controller will not be used for a prolonged period. The controller contains an internal filter, which has to be removed and cleaned every few months. If the filter is not cleaned on a regular basis - it could create problems. The life span of the battery is at least one year.



LIMITED WARRANTY CERTIFICATE

LIMITED WARRANTY CERTIFICATE AND TERMS OF SERVICE FOR "GALCON SMART PRODUCTS (GSI, CYBER RAIN, 7101BT, 9001BT, 11000BT)"

1. Galcon sells the "Galcon Smart" irrigation controllers ("the products") and provide associated product software in means of browser based software and/or mobile application software and/or client based software and/or any other software that provided with the product ("the Product Software") and certain services ("the Services") through Galcon's Web Site (www.galconc.com) and/or through any mobile phone and devices application download center and/or through self-installation software ("the Site"). This Limited Warranty Certificate and Terms of service ("these Terms") constitute a legal agreement between Galcon and the original purchaser of the Product ("the Customer"), and shall govern the Customer's access and use of the Services and the Product. By accessing the Site and/or by using the Services and/or the Product, the Customer agrees that he has read, understood, accept and agree to be bound by these Terms. If the Customer does not agree with any of the provisions of these Terms, the Customer must not access or use the Services and/or the Product.
2. Galcon shall, for a limited period of 24 months from the retail purchase date of the original (first) purchaser ("the Warranty Period"), provide limited warranty for the Product(s) and the Services, as provided for and subject to the provisions and limitations of these Terms. Without derogating from the foregoing, Galcon does not take any obligation to provide the Services (or any part therefrom) beyond the Warranty Period.
3. Galcon's Warranty for the Product and/or the Services only extends to the Customer who, upon requesting warranty service, must present Galcon with a valid and dully signed contract with Galcon (or any of its authorized dealers) together with a valid purchase receipt. Failure to produce the said documentation will result in the request for warranty being null and void.
4. Galcon warrants to the Customer that the Product shall materially conform to the description in Galcon's documentation and shall be free from defects in material and workmanship. Accordingly, Customer's sole and exclusive remedy under this warranty is the repair or – to Galcon's sole discretion – the replacement of the Product or any part\s according to the terms of this Warranty, and no other remedy shall be available. Therefore, if - within the Warranty Period - the Product is proven to be defective by reason of faulty workmanship or materials by Galcon, Galcon undertakes, with reasonable promptness, to have the defective Product (or any part/s thereof) repaired, or at Galcon's discretion, replaced; All subject to the terms and conditions of these Terms.

5. Galcon's warranty for the Product and/or the Services and/or otherwise, shall not apply to any of the following: (i) any conduct (by act or omission) not by Galcon, including any misuse/abuse of any Product and/or the Services (or part/s thereof), and/or any failure to install and/or use any Product in full compliance with Galcon's instructions; (ii) other systems/components/devices/technologies and/or the integration/interface thereof with any Product.; (iii) any part/component which has been included/installed in any Product not at Galcon's approval and/or other than by Galcon; (iv) any actual or attempted change/repair/interference of/with any Product (including any use/handling of, and/or interference/dealing with, any code of any software included/used in the Product) other than by Galcon; (v) any data/information/content which has been inserted/included in a Product and/or the Services; (vi) malfunction or damage resulting from accidents, which occur during transit and/or handling, and/or malfunction or damage due to fire, earthquake, flood, lightning and/or any other external disaster; (vii) unforeseen accidents, wear and tear, or any other external factors beyond Galcon's reasonable control, or to any Product installed, repaired, adjusted, rebuilt, modified, changed or converted by any person (including the Customer) other than Galcon;
6. In addition and without derogating from the provisions of these Terms, Galcon's warranty and the Customer's rights to use/access the Services and/or the Site, is conditioned upon the all of following Customer's undertakings taking place: (i) Customer's operating and maintaining the Product and/or the Services in accordance with Galcon's instructions; (ii) Customer's not being in default of any payment obligation to the Galcon (or its authorized dealer, as relevant); (iii) the Customer shall not license, sell, rent, lease, transfer, assign, distribute, host, or otherwise commercially exploit the Services; (iv) the Customer shall not to modify, make derivative works of, disassemble, reverse compile, or reverse engineer any part of the Services; (v) the Customer shall not to access the Services and/or the Site in order to build a similar or competitive service; (vi) except as expressly stated herein, no part of the Services may be copied, reproduced, distributed, republished, downloaded, displayed, posted, or transmitted in any form or by any means; (vii) the Customer shall not upload, transmit, or distribute any computer viruses, worms, or any software intended to damage or alter a computer or communication network, computer, handheld mobile device, data, the Services, the Product, the Product Software, or any other system, device or property; (viii) the Customer shall not interfere with, disrupt, or attempt to gain unauthorized access to, the Site, the servers or networks connected to the Services or violate the

regulations, policies, or procedures of such networks; (ix) the Customer shall not access (or attempt to access) any of the Services by means other than through the interface that is provided by Galcon; (x) the Customer shall not remove, obscure or alter any proprietary rights notices (including copyrights and trademark notices) which may be contained in or displayed in connection with the Services; (xi) any use or access by anyone under the age of 18 is prohibited.

7. Subject to these Terms, as well as additional guidelines, terms, or rules referred to in this document and incorporated by reference into these Terms, Galcon grants the Customer a non-transferable, non-exclusive, limited right (without the right to sublicense) to use the Services for the Warranty Period only and solely for the purpose of controlling and monitoring the Product installed on Customer's property.
8. Galcon does not give any warranty or guarantee whatsoever in respect of any Product or Services (or any part/s thereof) which has not been manufactured and distributed by Galcon and which has not been purchased from Galcon or any of its authorized dealers, whether such products are branded with any trademarks similar to any trademark belonging to or used by Galcon.
9. After replacement or repair of the Product, the Warranty for the new or repaired Product shall be valid only for the non-expired period of the original Warranty Period. Any defective Products or part/s, which has been replaced, shall become Galcon’s property.
10. Galcon reserves the right to charge the Customer if any warranty service is requested and carried out but no fault is found in the Product or if such defect/fault is not under Galcon’s Warranty.
11. Notwithstanding anything to the contrary, Galcon shall not be responsible and/or liable, under any circumstances and in any way, for any loss, damage, costs, expenses, expenditures, responsibility and/or liability (including of Customer and/or any third party) – including (without limitation) direct and/or indirect (including incidental and/or special and/or consequential), however arising, including in respect of damages to or loss of property and/or equipment, loss of profit, loss of use, loss of revenue or damages to business or reputation, whether or not based on breach of contract, tort (including negligence), product liability or otherwise - arising from the performance or non-performance of any aspect of the Services and/or the Product and/or access to Site or any part thereof; All of the above, whether or not Galcon and/or the Customer shall have been made aware of the possibility of such loss.

12. In any event, any liability which Galcon may have in connection with the Product and/or the Services and/or access to Site and/or these Terms, including (without limitation) in connection with and/or resulting from the Product (or any part thereof) and the use thereof and/or the Services, shall be limited to a total amount (for all damages, claims and causes of action in the aggregate) equal to the consideration actually received by Galcon from the Customer for the Product. The limitations shall apply whether the liability is based on contract, tort, strict liability or any other theory.
13. The Customer warrants and agrees, that Galcon owns and shall continue to own all title, rights and other interests (including all intellectual property rights) in connection with the Product, the Site, the Services, and all content available through the Site, including any and all trademarks, service marks, and logos contained therein. The provision of the Product, the Product Software, and/or the Services does not transfer to the Customer or any third party any rights, title, or interest in or to such intellectual property rights. The Customer may not copy, further develop, reproduce, republish, modify, alter, download, post, broadcast, transmit, or otherwise any material made available in the Site or the Services.
14. The customer creates data when he uses the service that is related to programming the product. The customer hereby provides Galcon with a license to use, upload, display, copy, manipulate, and store any data that the Customer shall create/insert when he uses the Services and/or the Product. The customer acknowledges and agrees that he shall always remain solely responsible and liable for its said data.
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18. Galcon may suspend or terminate the Services and/or the Customer's account at any time upon written notice to the Customer that the Customer breaches these Terms and, to the extent that the breach can be cured, the Customer does not cure that breach within 14 (fourteen) days.
19. This Warranty and the remedies set forth herein are exclusive and in lieu of all other warranties, remedies and conditions, whether oral, written, statutory, express or implied. **GALCON SPECIFICALLY DISCLAIMS ANY AND ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND WARRANTIES AGAINST HIDDEN OR LATENT DEFECTS.**
20. The Customer shall be solely responsible for the selection, use, efficiency and suitability of the Product(s).
21. The provisions of this Limited Warranty Certificate shall be interpreted and governed, solely and exclusively, pursuant to the laws of the State of Israel, and no other law shall apply. Any and all legal actions shall be litigated within the jurisdiction of the courts of Israel, and no other jurisdiction shall apply. Customer waive any objection to such jurisdiction and venue on the basis of it being an inconvenient forum.

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11000BT FCC Compliance Statement

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installations. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio and television reception.

However, there is no guarantee that interference will not occur in a particular installation. If this device does cause such interference, which can be verified by turning the device off and on, the user is encouraged to eliminate the interference by one or more of the following measures:

– Re-orient or re-locate the receiving antenna.
– Increase the distance between the device and the receiver.
– Connect the device to an outlet on a circuit different from the one that supplies power to the receiver.
– Consult the dealer or an experienced radio/TV technician.

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

To comply with FCC Section 1.310 for human exposure to radio frequency electromagnetic fields, implement the following instruction:

A distance of at least 20 cm between the equipment and all persons should be maintained during the operation of the equipment.