



Genus II FM Remote

INSTALLATION AND OPERATING INSTRUCTIONS



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INTRODUCTION

Congratulations! You have purchased a high quality Remote Equipment Centre. Please read the instructions carefully and your purchase will provide you with years of trouble free use.

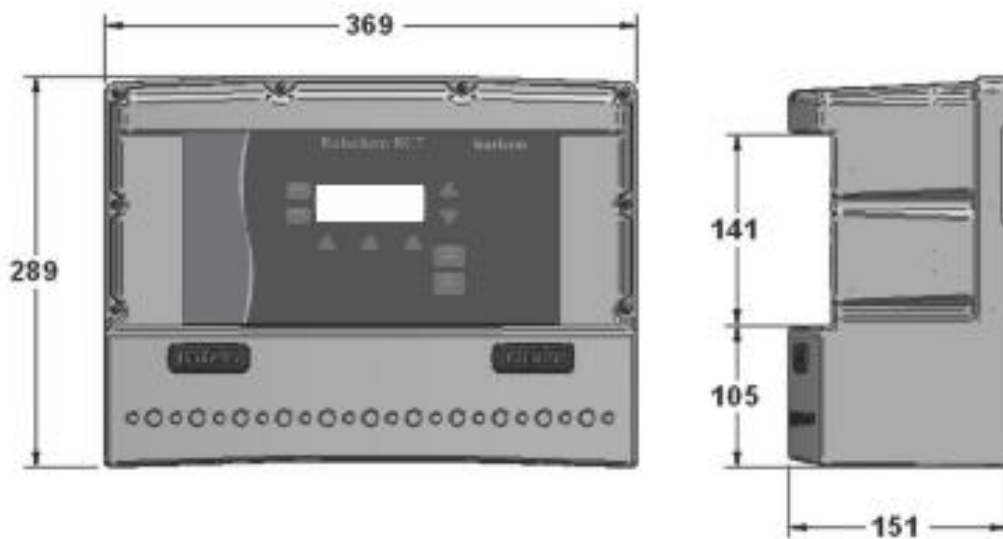
The Genus II FM Remote system has two main components, the FM control and the equipment centre. The FM remote enables you to turn pool components such as pumps, blowers and lights on and off. The equipment centre is where your pool components are connected and has a manual override for the pump and in the timer version, comes with a timeclock that enables you to set on/off times for the pump.

Note:

The appliance is not intended for use by young children or infirm person without supervision. Please ensure that young children are supervised to ensure that they do not play with the appliance.

PACKING LIST

1. 1 x Equipment centre control box
 2. 1 x FM remote handset (with description labels)
 3. 1 x Equipment centre control box mounting bracket
 4. 1 x Set of mounting screws and wall plugs
 5. 1 x Instruction and warranty booklet
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INSTALLATION

WARNING!

The combined load of equipment operated must not exceed 35 Amps for hardwired versions and 10amps for models with 3 pin plug and lead. Hardwired versions must be fixed wired by a licensed electrician. The maximum load from any one outlet must not exceed 10 amps.

The equipment centre must be installed where it is protected from direct sunlight and rain.

The FM Control handset is not water resistant. Therefore water must be avoided.

- The Genus II remote control equipment centre box has an IPX3 rating and must be installed where it will receive protection from direct sunlight and rain. This equipment control box must be located outside of the pool zone, a minimum of 3.5m from the waters edge.
- If installing on a brick or concrete wall, use a 7mm masonry drill. Mounting screws should be 190mm apart and at least 1600mm above ground level
- If installing on a post, first attach a flat waterproof panel at least 300mm wide by 500mm long. Make sure the control is located centrally on the panel and sits flat.
- If unit is supplied with a 3 pin 10A plug, ensure connection is plugged into a suitable weatherproof outlet
- Plug equipment into corresponding outlets on underside of equipment control box and secure bottom tray cover in place.
- Apply description labels (supplied) to FM handset to show designations of buttons

FM REMOTE MOUNTING BRACKET

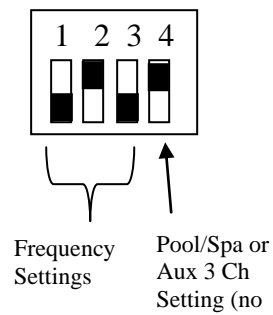
The Equipment Centre comes with a wall mounting bracket so it can be securely fixed to any wall. It is recommended that the Equipment Centre be hung where it is protected from direct sunlight and rain.

1. Remove wall mounting bracket from Equipment Centre by un-doing the screw located near the pump socket.
2. Screw mounting Bracket to wall.
3. Engage the Equipment Centre's top rear edge with the joggled section on the top of the bracket.
4. Align the hole in the underside of the Equipment Centre with the hole in the lower face of the mounting bracket and secure.

FM REMOTE SETTINGS

Changing the Frequency

If your FM remote interferes with other FM controlled devices the operating frequency may be changed using the dip switches located underneath the battery cover. To teach the system the new frequency, change the Dip switches as described below, turn off the power to the Equipment Centre, wait 30 seconds and restore power. Whilst within 1 metre of the Equipment Centre, press any one of the FM remote buttons. The system will now learn the new setting.



OPERATION

FM CONTROL

Button 1	Turns Auxiliary 1 On or Off
Button 2	Turns Auxiliary 2 On or Off
Button 3	Turns Auxiliary 3 On or Off.
Button 4	Turns Auxiliary 4 On or Off.
Button 5	Not Used.
Button 6	Not Used
Button 7	Not Used
Button 8	Not Used



TIMECLOCK (OPTIONAL)

If your controller has a time clock you can set your filtration pump to automatically filter your pool on a daily basis. It is generally recommended that the filter pump is operated for six to eight hours per day during the swimming season. A spa pool filter pump should be operated for around one hour per day to maintain the clarity of the spa water.

1. To program the time clock;
 - a. Press and hold clock button
 - b. Set day by pressing day button
 - c. Set hour by pressing hour button
 - d. Set minutes by pressing minute button
 - e. Press timer button – period 1 will display and you can set the ON time unit the hour and minute buttons.
 - f. Select day options for the timer period being set (every day or specific days can be selected)
 - g. Press timer button and set the OFF time for period 1
 - h. Press timer button to set further timer periods (up to 8) or press clock button to return to the main display.
 - i. Press MANUAL button until indicator line is above the AUTO position.

2. **NOTE: Ensure you always cycle ON/OFF/AUTO selections through the OFF setting (i.e. if you are in ON, you must go to OFF before going to AUTO). Failure to do this may result in equipment continuing to run beyond set timer periods.**

Ensure the pump is plugged into the pump socket underneath the control box.

PUMP TIMER OVER-RIDE SWITCH

A pump timer over-ride switch is located on the front of the equipment centre in case you should require manual control of the pump for the purposes of backwashing, maintenance, etc.

This switch should be in the “Auto” position for normal remote and timer control.

The “On” position turns the pump on regardless of the timer and remote control settings

The “Off” position prevents the pump operating regardless of the timer and remote control settings.

BATTERY CHANGE

Ensure the handset is clean and dry. Remove the battery cover from the handset. Unplug battery and replace. Slide the cover back into place.

WARRANTY

Your Genus II FM Remote is covered by a limited 12 month warranty against defective parts and faulty workmanship (plus 30 days to allow for installation).

Should a fault occur, call Astral Pool or an Authorised Astral Pool Service Agent. There are no user serviceable parts. Always turn off and disconnect power supply when removing FM Remote.

Limitations

All warranties only apply if the equipment is installed and operated in complete compliance with the installation and operating instructions. Specific limitations and exclusions include but are not limited to, water ingress into FM Remote Module and Remote Control, excessive appliance current load on any one or number of power outlets, misuse or abuse whether intentional or accidental.

Astral Pool assumes no liability for consequential damages of any kind. In field labour warranty is applicable in capital city metropolitan areas and within a 20 km radius of Astral Pool Authorised Service Agents. Should you request a warranty service call and the problem is diagnosed as non-warrantable, you will be charged for a diagnostic service call plus any parts and labour required to repair the equipment. No person is authorised to make any representations on behalf of Astral Pool.

Commercial Installation

On Commercial Installations, such as health clubs, motels/hotels and hydrotherapy facilities, parts and in field labour warranty (in capital city metropolitan areas and within a 20 km radius of Astral Pool Authorised Service Agents) is 12 months from the date of purchase plus 30 days to allow for installation.

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Information and specifications subject to change without notice.

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