

TIMER FOR

AstroStart

REMOTE STARTER

USER'S MANUAL

Model RST-2



Designed
for remote
starters
with
negative
trigger
input



**Consult Safety Rules
before using this product.**

Manufactured
in Canada by :



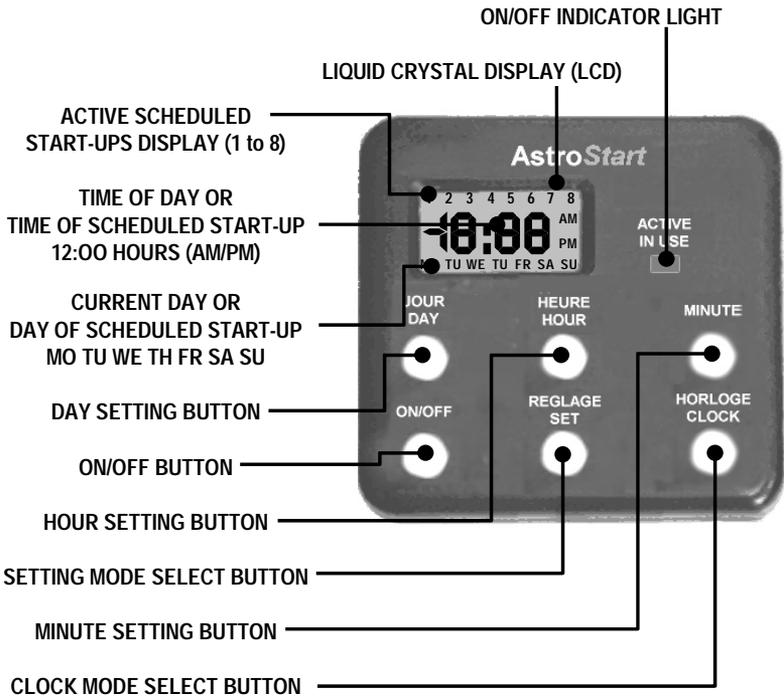
Astroflex

FEATURES AND FUNCTIONS

FEATURES

Display	LCD (lighted)
Trigger output maximum capacity	100 mA
Maximum power consumption	20 mA
Dimensions	2¼" x 2¼" x 2/3"
.....	5.72 cm x 5.72 cm x 1.67 cm
Output signal.....	Negative pulse (1 to 2 seconds)
Temperature range	-40°C to +85°C (-40°F to +185°F)
Operating voltage.....	+12 V DC (+10 V DC to +18 V DC)
Setting acknowledgement	LED indicator

FUNCTIONS



SAFETY RULES

Before using this product, carefully read the following safety rules.

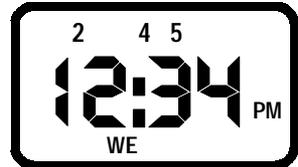
- Immediately report any product malfunction to the Astroflex dealer where that performed installation.
- Under no circumstance can this product or its use be modified.
- Always turn off remote starter's main switch when vehicle is parked in an enclosed, unventilated area or is in for servicing.
- Always turn off remote starter's main switch when it is not being used for extended periods of time.
- Keep remote control out of the reach of children.
- Have your engine tuned regularly to ensure optimum performance of your Remote Starter.
- Make sure your windshield wipers are turned off before leaving vehicle.
- Regularly check the engine shutoff safety features. (See Safety Checks Section in your Remote Starter's User Guide).
- Make sure you comply with all local regulations which may prohibit leaving your engine running when vehicle is unattended in a public place.
- Always advise service personnel that your vehicle is equipped with a Remote Starter.
- We strongly recommend that you have your Remote Starter checked annually. Contact the dealer in your area.

DISPLAY

The LCD-type display shows current time of day as well as each scheduled start-up settings. It lights up when a button is pressed and will remain lit for 30 seconds thereafter.

OPERATION MODE

In Operation Mode, the display shows current time and day of the week, as well as selected scheduled start-ups. The scheduled start-ups are those generated by the timer. The example on the right shows that the current day is Wednesday (WE), the current time is twelve thirty-four and scheduled start-ups 2, 4 and 5 have been selected.



PROGRAMMING MODE

In Programming Mode, the display shows the time and day of the selected scheduled start-up (blinking digit). The example on the right shows that start-up "2" is set to start vehicle every Monday morning at 7:15 a.m.



CONVENTION



A digit embedded in a star means the digit is blinking on display.

SETTINGS

CLOCK SETTING

Press and hold the "**CLOCK**" button, then press the "**DAY**" button to select the day of the week, "**HOUR**" to set the hour, and "**MINUTE**" to set the minutes.

Each selection will increment by one unit every time the corresponding button is pressed. Faster increment can be achieved by holding down the button for a second or more. Release button when desired setting is reached.

The LED indicator will blink once every time a button is pressed or every time the selection switches to the next setting while the button is held down.



Ensure that the time and the period of day (A.M./P.M.) are correctly set. The remote start-ups may otherwise occur at times other than those scheduled.

SCHEDULED START-UPS

Press the "**SET**" button. Digit "1" blinks and display shows current program for scheduled start-up n^o 1 or, if not previously programmed, a series of four dashes.



OR



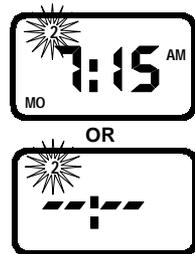
Digits "**1 to 8**" refer to scheduled start-ups. Press "**SET**" button to select the scheduled start-up you wish to set. When the desired digit starts blinking, press the "**DAY**" button to select the day(s) of the week, "**HOUR**" to set the hour, and "**MINUTE**" to set the minutes.

The "**DAYS**" can be grouped in one of the following modes:

Daily: every day (individually)	  etc.
Business days: Monday to Friday inclusive	
Weekends: Saturday and Sunday	
Weekly: Sunday to Saturday inclusive	

Press the "**SET**" button again. Digit "**2**" now blinks to indicate scheduled start-up n^o 2.

Repeat procedure for each scheduled start-up.
Up to eight different start-ups can be scheduled.



TURNING ON/OFF SCHEDULED START-UPS

The turn on/off feature allows you to choose among the eight scheduled start-ups the one(s) you wish to activate without having to program the timer all over again. The scheduled start-up(s) that are turned off remain in memory and can be reactivated at any time.

For example, the programming can be set up in this way:

- one scheduled start-up controls engine start-up on workdays;
- another one controls start-ups on weekends;
- and a last one controls start-ups on Fridays only.

Now let's suppose you wish to deactivate scheduled start-up n° 2 (10:30 a.m. on weekends) for a certain period of time. Press "**SET**" button as many times as necessary to reach the scheduled start-up you wish to deactivate, then press the "**ON/OFF**" button. The corresponding scheduled start-up is then erased from the list but remains in memory. The display now shows a series of four dashes.



When you wish to reactivate that group again, simply repeat the procedure. The display will then show the preprogrammed setting and the scheduled start-up is now activated.

ENABLING/DISABLING TIMER

To have your car start up according to the scheduled programming, simply press the "**ON/OFF**" button to turn on the red indicator light. When lit, the scheduled start-up timer is activated. To cancel the scheduled start-up timer, press the "**ON/OFF**" button to turn off the red indicator light.



If vehicle is parked in an enclosed, unventilated area or is in for servicing, turning the timer off is not sufficient.

You must also turn off the remote starter's main switch.

LIFETIME LIMITED WARRANTY

- 1) ASTROFLEX warrants the manufactured product against any defect in workmanship or material for the period specified below.
- 2) This Warranty excludes any other legal warranty, with the exception of the provisions pertaining to public order.
- 3) This Warranty only applies in favor of the original purchaser; it does not apply to subsequent purchasers.
- 4) This Warranty is valid for the life of the vehicle on which the product was originally installed, as long as it remains installed on the said vehicle, with the exception of those components covered by a shorter warranty.
- 5) If the conditions mentioned in paragraphs 3) and 4) are met, the Warranty applies solely to the control module of the remote starter.
- 6) All other accessories and tools (such as the transmitter, switch, antenna, DL-3 or DL-4 module, MultiTest tool, etc.) are warranted for a period of one year from the date of the purchase contract; the batteries are not covered by any warranty.
- 7) ASTROFLEX shall repair or replace any part of the product or the product itself, either (a) in accordance with the provisions in paragraph 5), free of charge during the first two years of the contract, or (b) in accordance with the provisions in paragraph 6), free of charge during the first year of the contract.
- 8) After two years from the date of the contract, ASTROFLEX shall repair any part of the product or the product itself in accordance with the provisions in paragraph 5), for a charge not exceeding \$30.00. This amount must accompany the product to be repaired. The product will be returned, freight collect, to the purchaser.

- 9) If the purchaser cannot provide proof of purchase, the Warranty is limited to two years from the manufacturing date as confirmed by the product's serial number. The purchaser of this ASTROFLEX product shall return the product for warranty service, freight prepaid, to the appropriate address indicated at the end of this document.
- 10) This Warranty only applies to the product itself and does not apply to any material damages other than to the product itself.
- 11) ASTROFLEX does not warranty either the product itself or any damages that may be caused by the product if any of the following conditions apply:
 - a) the installation was not done by the installer-distributor, and in accordance with the instructions from ASTROFLEX;
 - b) the product was damaged after installation;
 - c) the purchaser used the product in an abusive manner or for a purpose other than stipulated in the user's guide;
 - d) the purchaser repaired the product himself or had the product repaired by someone not authorized by ASTROFLEX;
 - e) the product was repaired with parts not authorized by ASTROFLEX.
- 12) ASTROFLEX is not responsible for removal or reinstallation charges.
- 13) This Warranty constitutes the only warranty from ASTROFLEX in regard to the original purchaser; any other warranty is specifically excluded, including legal warranties, with the exception of provisions pertaining to public order.

Note:

Operation, specifications and design of our products are subject to change without notice.



Astroflex Inc.

1164, Route 220
St-Élie d'Orford (Québec) Canada
JOB 250



Astroflex

ELECTRONIC CORP.

516A Elm Street
Manchester, NH 03101
USA