

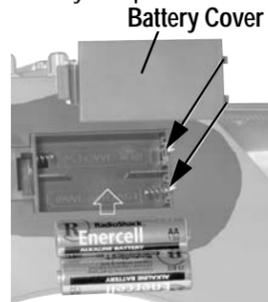
**® RadioShack**  
**Lighted Clock**  
**TV/FM Antenna**  
**15-1858**

Thank you for buying the RadioShack Lighted Clock TV/FM Antenna. It is perfect for receiving HD (High Definition) signals, and improving your TV or stereo receiver's FM reception. You also can switch between the antenna and an external signal, such as cable, satellite or a video game. And, the large-digit display lets you see the time and temperature at a glance.

**Powering the Antenna**

**Battery Power**

1. Lift the battery cover off the battery compartment on the bottom of the antenna base.
2. Insert two AA alkaline batteries (not supplied), as indicated by the polarity symbols (+ and -) marked inside.
3. Replace the cover.



**AC Power**

You can power your antenna with AC power using a 9V 100mA adapter and a size M Adaptaplug (neither supplied).

1. Attach a size M Adaptaplug to a 9V AC adapter, with its tip set to positive (+).
2. Insert the Adaptaplug into the antenna's DC 9V jack. Then, plug the other end into a standard AC outlet.

**Notes:**

- If you need to use the backlight function, we recommend using the AC adapter to power the antenna.
- Internal batteries (if installed) automatically disconnect when you plug an AC adapter into the antenna.
- If the LCD display is abnormal, replace the batteries or disconnect all power and reconnect after 10 minutes.



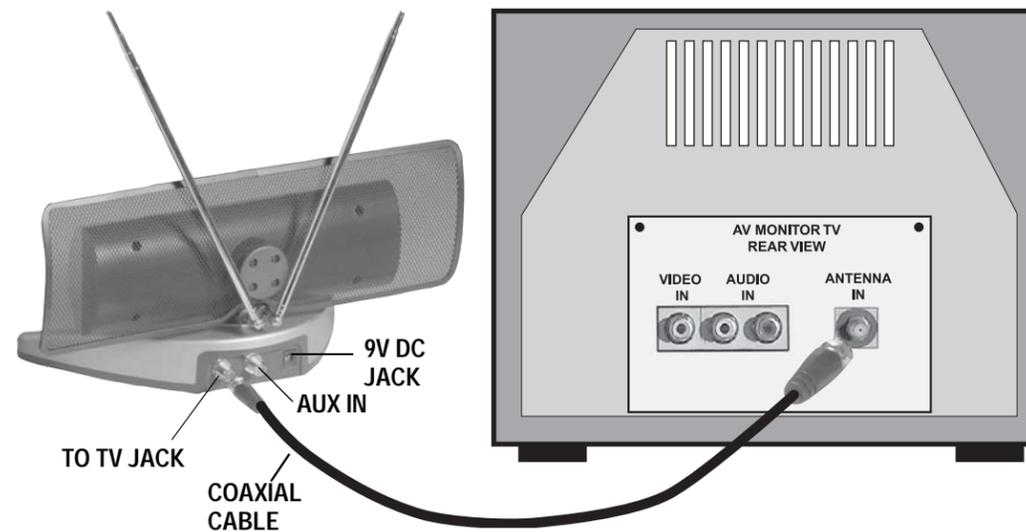
**Features**

- **38" Telescoping Antennas** - Extend fully and rotate for the best VHF and FM reception.
- **UHF Antenna** - Rotate up to 160° for best UHF reception.
- **Backlight** - Press to easily view the time and temperature in the dark.
- **F°/C°** - Press to switch the temperature between Fahrenheit and Celsius.
- **ANT/AUX** - Press to switch between the antenna and an external signal (such as cable, satellite, or video game system).
- **AUX IN** - Provide the connection for external antenna, video game or cable.
- **Gold Plated Connector** - Ensures best connection for external input port.

**Basic Connection**

1. Place the antenna on or near your TV or FM receiver.
2. If your TV has an F-connector, connect the supplied coaxial cable to the antenna's **TO TV** jack and your TV's **ANTENNA IN** jack. If your TV has a 300-ohm twin-lead connector, attach a 2-way splitter (not supplied) to the TV's VHF and UHF terminal screws. Then, connect the coaxial cable to the splitter's F-connector and the antenna's **TO TV** jack.
3. Connect a second video source, such as a cable TV or video game, to the antenna's **AUX IN** terminal using a 75-ohm coaxial cable/connector (not supplied).

**Note:** Visit your local RadioShack store for additional accessories you may need.



## Operation

### Setting the Time

1. Press **SET**.
2. Repeatedly press **HOUR/MIN** to set the hour.
3. Press **SET** to store the hour.
4. Repeat Steps 2 and 3 to set the minute. When you finish, the current time appears.

#### Notes:

- To switch between the 12 and 24-hour time formats, press **HOUR/MIN**. In the 12-hour time format, *PM* appears for a PM hour.
- If you do not press any key within one minute while setting the time, the clock returns to the current time display.

### Adjusting the Antenna

- For VHF TV Channels 2-6, fully extend the antennas.
- For VHF TV Channels 7-13 and FM radio, retract the antennas to half length and move them to an angle that produces the best reception.
- For UHF TV Channels 14-69, turn the UHF antenna until you get the best reception.

## Specifications

Power Source .....	Two AA Batteries DC 9V 100mA AC Adapter
Frequency Range	
FM .....	88-108 MHz
VHF .....	50-230 MHz
UHF .....	470-860 MHz
Temperature Range .....	32° F - 109° F (0° C - 43° C)
Dimension (HWD) .....	4 3/4 x 11 13/16 x 5 1/8 Inches (1110x300x130mm)
Weight .....	24.34 oz (690g)

Specifications are typical; individual units might vary.  
Specifications are subject to change and improvement without notice.

## Battery Tips

- Replace the batteries when the display dims.
- Use only fresh batteries of the required size and recommended type.
- Do not mix old and new batteries or different types of batteries (standard or alkaline).
- Dispose of batteries promptly and properly. Do not burn or bury them.
- If you do not use your antenna for a month or more, remove the batteries. Batteries can leak chemicals that may destroy electronic parts.

## Caution

You must use a Class 2 power source that supplies 9V DC and delivers at least 100mA. Its center tip must be set to positive and its plug must fit the DC 9V jack. Using an adapter that does not meet these specifications could damage the indoor antenna or the adapter.

### THE FCC WANTS YOU TO KNOW

This equipment 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 a residential installation. 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 communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult your local RadioShack store or an experienced radio/TV technician for help.
- If you cannot eliminate the interference, the FCC requires that you stop using your antenna.

Changes or modifications not expressly approved by RadioShack may cause interference and void the user's authority to operate the equipment.

### FCC DECLARATION OF CONFORMITY

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.



Product:	Lighted Clock TV/FM Antenna
Model:	15-1858
Responsible Party:	RadioShack 100 Throckmorton Fort Worth, TX 76102
Phone:	817-415-3200

## Care

Keep your antenna dry; if it gets wet, wipe it dry immediately. Use and store your antenna in room temperature environments only. Handle your antenna carefully; do not drop it. Keep your antenna away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

## Service and Repair

If your antenna is not performing as it should, take it to your local RadioShack store for assistance. To locate your nearest RadioShack, use the store locator feature on RadioShack's website ([www.radioshack.com](http://www.radioshack.com)), or call 1-800-The Shack (843-7422) and follow the menu options. Modifying or tampering with the antenna's internal components can cause a malfunction and might invalidate its warranty, and void your FCC authorization to operate it.

### Limited 90-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, 200 Taylor Street, 6th Floor, Fort Worth, TX 76102

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