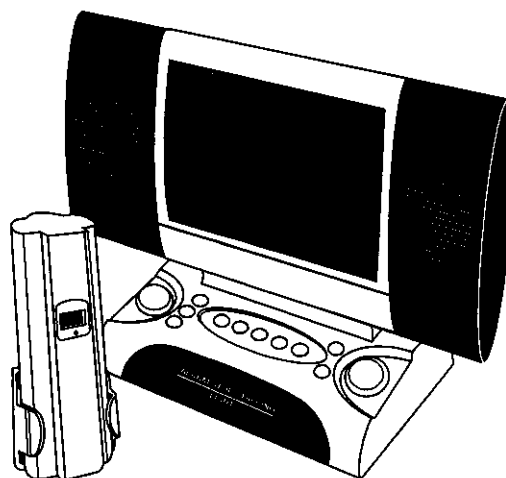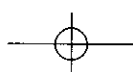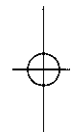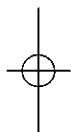# THE
SHARPER
IMAGE

Talking Alarm Clock
w/Outdoor Temperature
& Forecast

MI602 Instructions

Read and save these instructions.

Dear Sharper Image Customer,

Thank you for your purchase of a Sharper Image product. We appreciate your business very much.

Please accept my personal assurance of your complete satisfaction with this product's quality and performance. We offer generous return privileges and excellent warranties on all our products.

For more than 25 years, The Sharper Image has shared the fun of discovering innovative products that make life easier and more enjoyable. We've been in business a long time because we are an exciting place to shop and — just as importantly — we strive to deliver great customer service that exceeds your expectations.

Enjoy your purchase!

Respectfully,

Richard Thalheimer
Founder, Chairman and Chief Executive Officer

Call 1-800-344-4444 for 24-7 ordering and customer service, or go to **www.sharperimage.com**, *our complete online store.*

NOTE: 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 of 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 the dealer or an experienced radio/TV technician for help. Under the environment with radio frequency interference, the unit (Both mainly unit & Remote may malfunction and require user to RESET the unit.)

Warnings

Warning: Changes or modifications to this unit not expressly approved by the manufacturer will void the warranty.

Caution

1. Avoid exposing the wireless remote unit to extreme temperatures, water or severe shock.
2. Do not expose the main unit to conditions of excessive force, shock, dust, extreme temperature, direct sunlight or humidity. Any of these conditions may shorten the life of the clock.
3. Do not tamper with any of the internal components of the unit. This will void the warranty under the above conditions.
4. Use only fresh batteries. Mixing old and new batteries may cause battery leakage.

Quick Start

1. To enable the automatic temperature-sensing backlight, plug the main unit into the wall outlet using the included 12V adapter. In case of a power outage, insert 4 AA batteries into the battery compartment on the rear of the main unit ensuring proper polarities are observed.
2. Insert 2 AA batteries into the battery compartment on the remote unit ensuring proper polarities are observed. Be sure the main unit and the remote transmitter unit are in sync and the outside temperature is displayed.
3. After a few minutes, place the remote transmitter unit in the desired outdoor location within 100 feet of the main unit. If necessary, screw the included wall-mount bracket to a convenient outdoor location and place the remote unit inside the bracket. For best results, the remote unit should be placed within sight of the main unit, such as outside the closest window.
4. Place the main unit as close as possible to the outdoor remote unit. The remote/outdoor temperature will be shown on the main unit.

Note: For more details on synchronization, please refer to "Wireless Remote Temperature Transmission."

5. **The weather center must be acclimated to the local area and altitude.**

This process takes 48 hours to set - please note that the first weather reading will not be accurate.
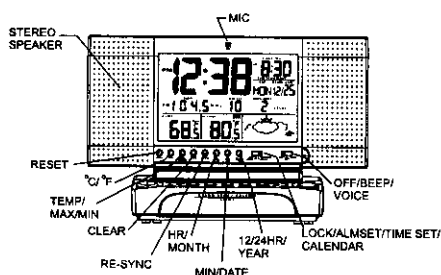
6. To set the clock, slide the **LOCK/ALMSET/TIMESET/CALENDAR** switch to the **TIMESET** position. The clock time blinks. Press the **HR/MONTH** and **MIN/DATE** buttons until the desired time appears on the display. Slide the **LOCK/ALMSET/TIMESET/CALENDAR** switch to the **LOCK** position.
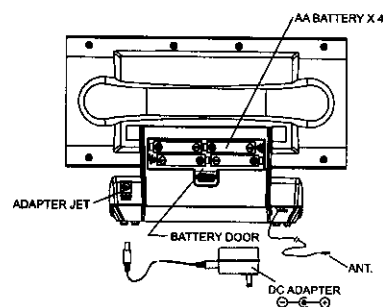
Quick Start

7. To set the alarm time, slide the **LOCK/ALMSET/TIMESET/CALENDAR** switch to the **ALMSET** position. The alarm time blinks. Press the **HR/MONTH** and **MIN/DATE** buttons until the desired alarm time appears on the display. Slide the **LOCK/ALMSET/TIMESET/CALENDAR** switch to the **LOCK** position. (See "Alarm Functions" section for more information.)

8. To set the calendar, slide the **LOCK/ALMSET/TIMESET/CALENDAR** switch to the **CALENDAR** position. The date blinks. Press the **HR/MONTH** and **MIN/DATE** buttons until the current date appears on the display. Slide the **LOCK/ALMSET/TIMESET/CALENDAR** switch to the **LOCK** position.
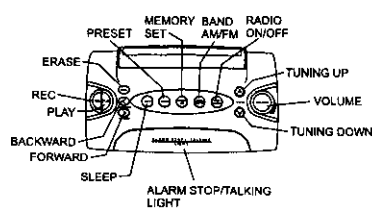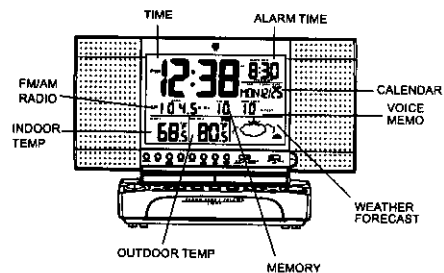
Location of Controls

Front Panel

STEREO SPEAKER
MIC
RESET
°C/ °F
TEMP/ MAX/MIN
CLEAR
HR/ MONTH
RE-SYNC
MIN/DATE
12/24HR/ YEAR
LOCK/ALMSET/TIME SET/ CALENDAR
OFF/BEEP/ VOICE

Back

AA BATTERY X 4
ADAPTER JET
BATTERY DOOR
ANT.
DC ADAPTER

Buttons on the Base

PRESET
MEMORY SET
BAND AM/FM
RADIO ON/OFF
ERASE
REC
PLAY
BACKWARD
FORWARD
SLEEP
ALARM STOP/TALKING LIGHT
TUNING UP
VOLUME
TUNING DOWN

Screen

TIME
ALARM TIME
FM/AM RADIO
INDOOR TEMP
OUTDOOR TEMP
MEMORY
CALENDAR
VOICE MEMO
WEATHER FORECAST

Buttons Under Front Panel

1. RESET – Clears and resets the entire display.
2. °F/°C – Changes temperature display to either Fahrenheit or Celsius.
3. TEMP/MAX/MIN – Displays the maximum and minimum temperatures for inside and outside temperatures.
4. CLEAR – Clears the maximum and minimum temperature data while the maximum and minimum temperature is shown on the LCD.
5. RE-SYNC – Resynchronizes the main unit with the remote unit.
6. HR/MONTH – Changes the hours or months when setting the clock or calendar.
7. MIN/DATE – Changes the minutes or day when setting the clock or calendar.
8. 12/24 HR/YEAR – Changes from 12-hour time to 24-hour time when setting clock or the year when setting the calendar.
9. LOCK/ALM SET/TIME SET/CALENDAR – Allows you to switch from locked to alarm set to time set to calendar set.
10. OFF/BEEP/VOICE – Switches the alarm sound from off to beep to voice.

Buttons on the Base

1. REC – Records voice messages.
2. PLAY – Plays recorded messages.
3. ERASE – Erases recorded messages.
4. < BACKWARD – Scans backward through recorded messages.
5. > FORWARD – Scans forward through recorded messages.
6. SLEEP – Automatically turns the radio off after a certain amount of time. The maximum is 90 minutes.
7. PRESET – Changes the preset stations.
8. MEMORY SET – Stores station as a preset station.
9. BAND/AM/FM – Changes between AM & FM band.
10. RADIO ON-OFF – Turns the radio on or off.
11. TUNING ▼/▲ – Tunes the radio station.
12. VOLUME ▼/▲– Controls the volume of the radio and messages.
13. ALARM STOP/TALKING/LIGHT – Stops alarm. It also announces the time, outside temperature and forecast. This button also activates the automatic temperature-sensing backlight while the unit is running on battery power.

Battery Installation

Main Unit

To enable the automatic temperature-sensing backlight, plug the main unit into the wall outlet using the included 12V adapter. In case of a power outage, insert 4 AA batteries into the battery compartment on the rear of the main unit ensuring proper polarities are observed.

Remote Transmitter Unit

• Insert 2 AA batteries into the battery compartment on the remote unit ensuring proper polarities are observed.

Synchronization of Remote Unit & Main Unit

1. After the batteries have been inserted in the main unit and in the remote transmitter unit, the LCD on the remote should show current temperature. In a few minutes, the remote temperature is shown in the outside-temperature field on the main unit. If at least 10 minutes pass and the outside temperature field displays "- -" instead of the remote unit's temperature, see the "Troubleshooting" section. Be sure the main unit and the remote transmitter unit are in sync and the outdoor temperature is displayed on the main unit.

2. After a few minutes, place the remote transmitter unit in the desired outdoor location within 100 feet of the main unit. Place the main unit as close as possible to the outdoor remote unit. For best results, the remote unit should be placed within sight of the main unit, such as outside the closest window. If necessary, screw the included wall-mount bracket to a convenient outdoor location and place the remote unit inside the bracket. The remote/outdoor temperature will be shown on the main unit. Obstacles, walls, etc. reduce the range significantly. The remote should be placed where it will not experience weather extremes such as rain, snow, direct sunlight, etc. This allows you to receive an accurate outside temperature reading and weather forecast.

Note: For more details on synchronization, please refer to "Wireless Remote Temperature Transmission."

Setting the Clock

1. Slide the **LOCK/ALMSET/TIMESET/CALENDAR** switch to the **TIMESET** position. The clock time blinks.

2. To set the time, press the **HR/MONTH** and **MIN/DATE** buttons until the desired time appears on the display.

3. To change 12-hour time to 24-hour time, press the **12/24 HR/YEAR** button.

4. Slide the **LOCK/ALMSET/TIMESET/CALENDAR** switch to **LOCK** position.

Setting the Alarm

1. Slide the **LOCK/ALMSET/TIMESET/CALENDAR** switch to the **ALMSET** position. The alarm time blinks.
2. To set the alarm time, press the **HR/MONTH** and **MIN/DATE** buttons until the desired alarm time appears on the display.
3. To change 12-hour time to 24-hour time, press the **12/24 HR/YEAR** button.
4. Slide the **LOCK/ALMSET/TIMESET/CALENDAR** switch to **LOCK** position. (See "Alarm Functions" section for more information.)

Setting the Calendar

The calendar can be set to any date between January 01, 2002 and December 31, 2051.

1. Slide the **LOCK/ALMSET/TIMESET/CALENDAR** switch to the **CALENDAR** position. The date blinks.
2. To set the calendar, press the **HR/MONTH** and **MIN/DATE** buttons until the current date appears on the display.
3. Press the **12/24 HR/YEAR** button until the current year appears on the display.
4. Slide the **LOCK/ALMSET/TIMESET/CALENDAR** switch to **LOCK** position.

Radio Operation

Tuner

1. For best reception, completely extend the antenna.
2. To turn the radio on, press the **RADIO ON/OFF** button. The FM RADIO icon appears on the display screen.
3. To select the desired band (AM or FM), press the **BAND** button until the desired band icon appears on the display.
4. To manually tune to the desired station frequency, press the **TUNING UP (▲)** or **TUNING DOWN (▼)** button repeatedly until the desired frequency appears on the display.
5. To automatically scan for stations with clear signals, press and hold the **TUN-ING UP (▲)** or **TUNING DOWN (▼)** button until the tuner begins searching for a station. The tuner will automatically stop on the next clear station.

Note: The tuner automatically transmits stations in stereo if that particular station is sending a stereo signal. The STEREO icon appears on the display.

1. To turn the radio on, press **RADIO ON/OFF** button.
2. To select the desired band, press the **BAND AM/FM** button.
3. To store a radio station in one of the 15 AM and 15 FM preset positions, tune in the desired station.

Radio Operation

Station Memory Presets

4. Press the **MEMORY SET** button. The preset number flashes.
5. To select the desired memory location, press the **PRESET** button until the desired preset position appears on the display.
6. Press the **MEMORY SET** button again to confirm.
7. To scroll through all of the preset radio stations, repeatedly press the **PRESET** button. The unit will cycle through all preset stations in order.

Sleep Timer

The radio can be set to automatically turn off after a certain number of minutes (from 10 to 90).

1. To set the sleep timer while the radio is on, press and hold the **SLEEP** button for 2 seconds. The radio turns off temporarily. "90 MINS" flashes on the display.
2. To select the duration of the sleep timer, press the **SLEEP** button repeatedly until the desired length of time appears. The timer decreases in 10-minute increments between 90 and 10 minutes each time the **SLEEP** button is pressed. Two seconds after setting the desired length of time, the radio turns on again. The sleep timer is now set.
3. To view the remaining time left on the sleep timer, press the **SLEEP** button once. To change the duration of the sleep timer, press the **SLEEP** button again.

Note:

• To turn off the sleep timer, press the **SLEEP** button until "00" appears. The radio will not turn off automatically.

• The SLEEP mode only works when you manually turn on the radio.

Weather Forecast

The local weather forecast and weather tendency are predicted using the rate of change in atmospheric pressure determined by a precisely calibrated pressure sensor. After turning the unit on for the first time, it takes 24 hours for the weather forecasting data to be calculated for the first time. After 24 hours, the unit calculates the weather for the next 6 hours. To ensure a reliable weather calculation, do not relocate the unit during operation.

Weather tendency is indicated by an up or down forecast arrow. (See table below.)

1. The up arrow ⌃ FORECAST indicates a significant increase in atmospheric pressure. This normally means the weather is going to improve.
2. The down arrow FORECAST ⌄ indicates a significant decrease in atmospheric pressure. This means the weather is going to get worse.

Weather Tendency

3. The forecast icon **FORECAST** without an arrow indicates a steady/insignificant change of atmospheric pressure. This means the weather will remain unchanged.

Tendency - Up	Tendency - Down	Tendency - Steady
FORECAST	FORECAST	FORECAST

Weather Conditions

The current weather condition is displayed using one of five animated icons: Sunny, Partly Cloudy, Cloudy, Rainy or Stormy. (See table below.) The Stormy icon only appears when a sudden and serious drop in atmospheric pressure is detected.

Sunny	Partly Cloudy	Cloudy	Rainy	Stormy

Indoor and Outdoor/Remote Temperature Readout

1. The indoor and outdoor temperatures can be displayed in either °F or °C. To select °F or °C, press the °F/°C button on the main unit or remote unit until the desired display appears. The main unit converts the temperature if the remote transmitter unit is set to a different temperature display. If the temperature exceeds or falls below the unit's range, the LCD shows either "HI" or "LO" in place of the temperature.

2. To display the recorded minimum and maximum indoor and outdoor temperatures in succession, press the **TEMP/MAX/MIN** button on the main unit repeatedly. The temperature display returns to the current temperature after 5 seconds or after hitting the **TEMP/MAX/MIN** button three times. To clear the maximum and minimum temperature data, press the **CLEAR** button while the maximum and minimum temperature is shown on the LCD.

Wireless Remote Temperature Transmission

The Transmission frequency is 433MHz. The outdoor transmission range is 100 feet from the main unit. Obstacles, walls, etc. will reduce the transmission range.

Once the main unit is plugged in or the batteries have been installed, it will start

Wireless Remote Temperature Transmission

to receive signals for 10 minutes. Once batteries are placed in the remote unit, it will start to transmit temperature data to the main unit every 3 minutes. Upon successful reception, the remote/outdoor temperature will be shown in the remote temperature field on the LCD. The main unit automatically updates the remote reading in 3-minute intervals.

Receiver Signal Indicator Icons

The following icons indicate the signal transmission status on the LCD:

)---	NO SIGNAL DETECTION
-)))-	SIGNAL DETECTING
)))	SUCCESSFUL RECEPTION

Transmission Troubleshooting

1. If the main unit does not receive signals within the first 10 minutes, a blank "--" appears in the OUT TEMP field on the LCD. If at any time during operation a signal is not received after five consecutive intervals, blank "--" appears. If this happens, press the **RE-SYNC** button. The main unit will receive signals for 10 minutes.

2. If the remote unit's batteries are running low, a low battery icon appears in the OUT TEMP field. Replace the batteries.

3. If the display unexpectedly goes blank, press the **RE-SYNC** button on the main unit to force the main unit to receive a signal. If this does not work, check the following:

• The remote unit is still in place.

• The batteries in both the remote unit and the main unit are still good. Replace if necessary.

• The remote transmitter is within range and the path is clear of obstacles or other interference. (See "Interference" section below.) Shorten the distance if necessary.

Interference

Signals from other household devices such as garage-entry controls, doorbells and home security systems may interfere with the temperature-data transmission and may cause temporary reception failure. This is normal and does not affect the general performance of the unit. The transmission and reception of the temperature reading will resume once the interference has stopped.

Reset Button

Press the **RESET** button when either the main unit or remote transmitter unit is not operating normally.

Voice-Memo Center

Up to eight personal messages can be stored in the voice-memo center. The Voice-Memo field on the LCD shows "0" until a message is recorded.

1. To record a message in the first memo position (or the next available position), press and hold the **RECORD** button. A beep sounds and "REC" appears on the display. Speak in a normal voice 15 inches away from the microphone above the LCD. Messages can be a maximum of 6 seconds long. A double-beep sounds if your message reaches 6 seconds before you release the **RECORD** button.

Note: If you do not hear a beep after pressing the **RECORD** button, turn up the volume and re-record your message.

2. Release the **RECORD** button when you are finished recording your message. A beep sounds and the message number is shown on the display in the memo field.

3. To record additional messages (up to eight), repeat steps 2 and 3. The message number automatically increases in the memo field. If you try to record more than eight messages, an "F" appears on the display to indicate the message center is full.

4. To play a recorded message, press the **FORWARD** or **BACKWARD** button until the desired memo number appears on the display.

5. Press the **PLAY** button. "PLAY" appears on the display.

Note: If the radio is on, pressing the **PLAY** button momentarily turns off the radio to play the message. The radio turns back on after the message has played.

6. To erase a recorded message, press the **FORWARD** or **BACKWARD** button until the desired memo number appears on the display. Press the **ERASE** button. The remaining messages will be renumbered.

Talking Clock

To hear the current time, outdoor temperature and weather report, press the **ALARM STOP/TALKING/LIGHT** button. If you press this button while the radio is on, the radio turns off temporarily. Once the update has been played, the radio automatically resumes play.

Alarm Functions

Voice Alarm

The voice alarm wakes you to the following sequence: 5 seconds of beeping, followed by "Good morning," the current time, outdoor temperature, the weather report, any personal messages you have recorded and then the radio plays for one hour. If no outdoor temperature is recorded on the display, the alarm skips this function. If there are no personal messages recorded, the alarm skips this feature.

1. To select the voice alarm, slide the **OFF/BEEP/VOICE** switch to **VOICE**.

2. To turn off the voice alarm once it has sounded, press the **ALARM STOP/TALK-ING/LIGHT** button.
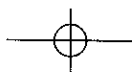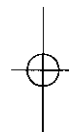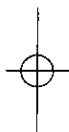
Beeping Alarm with Snooze

The beeping alarm with snooze wakes you to one minute of beeping that repeats every five minutes until the alarm is turned off.

1. To select the beeping alarm with snooze, slide the **OFF/BEEP/VOICE** switch to **BEEP**.

2. To activate the snooze function after the alarm has sounded, you may either wait for the alarm to turn off after one minute or you may press the ALARM STOP/TALKING/LIGHT button. In both instances the alarm repeats every five minutes until it is turned off.

3. To turn off the snooze alarm, slide the **OFF/BEEP/VOICE** switch to **OFF**.

Temperature-Sensing Backlight

The LCD backlight color is automatically determined by the recorded outdoor/remote temperature.

1. Cold (blue colored backlight): Below 50°F/10°C.

2. Normal (amber colored backlight): 50.1°F – 75°F/10.1°C – 23.9°C.

3. Warm (red colored backlight): Above 75°F/24°C.

• To enable the automatic temperature-sensing backlight to remain on at all times, plug the main unit into a wall outlet using the included adapter.

• To activate the automatic temperature-sensing backlight while the unit is running on battery power, press the **ALARMSTOP/TALKING/LIGHT** button. The backlit LCD turns on for 3 seconds.

WARRANTY

This warranty covers any defects in materials or workmanship, with the exceptions stated below.

How Long Coverage Lasts

This warranty runs for 90 days from the date of original purchase.

What Is Not Covered

This warranty does not cover damage caused by misuse or use other than as intended and described in the product instruction manual, or loss or damage to batteries or removable parts.

What The Sharper Image Will Do

The Sharper Image will repair any defects in materials or workmanship. In the event repair is not possible, The Sharper Image will either replace this product with one of similar features and price, or refund the full purchase price of the product, whichever you prefer.

How to Obtain Service

Return the product and receipt, along with a brief explanation of the problem, to:

T.S.I. - Returns Department
2901-A West 60th Street
Little Rock, AR 72209

If you have questions, please feel free to contact our customer service representatives at 1-800-344-5555 or by email at care@sharperimage.com.

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

Sharper Image Corporation
650 Davis St., San Francisco, CA 94111
(415) 445-6000

Shop online: **www.sharperimage.com**

Due to continuing improvements, actual product may differ slightly from the product described herein.

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