



SMART MILL & BREW™

10-Cup Coffee Maker

with **MSN® Direct**
Region Specific Weather Information

Model ME1MSB

Welcome



Thank you for your purchase of the Smart Mill & Brew™ 10-Cup Coffee Maker featuring MSN® Direct region specific weather information -- Melitta's® perfect way to begin and plan your day.

For easy access to information in this Owner's Manual, follow the sectioned tabs on the pages listed below.

Welcome	1
Important Safeguards	2 - 4
Quick Start	5 - 6
Controls & Features	7 - 12
Brewing Instructions	13 - 18
Weather Mode	19 - 22
User Maintenance	23 - 24
Definition of Terms	25 - 26
Trouble Shooting	27 - 29

Welcome

Important
Safeguards

Quick Start

Controls
& Features

Brewing
Instructions

Weather
Mode

User
Maintenance

Definition
of Terms

Trouble
Shooting

IMPORTANT SAFEGUARDS

When using electrical appliances, basic safety precautions should always be followed, including the following:

Important Safeguards

1. Read all instructions.
2. Do not touch hot surfaces. Use handles or knobs.
3. To protect against electric shock, do not place cord, plugs, or appliance in water or other liquid.
4. Close supervision is necessary when any appliance is used by or near children.
5. Unplug from outlet when not in use and before cleaning. Allow to cool before putting on or taking off parts, and before cleaning the appliance.
6. Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions, or has been damaged in any manner. Contact Consumer Service for examination, repair or adjustment.
7. The use of an accessory not evaluated for use with this appliance may cause injuries.
8. Do not use outdoors.
9. Do not let cord hang over edge of table or counter, or touch hot surfaces.
10. Do not place on or near a hot gas or electric burner, or in a heated oven.
11. To disconnect, remove plug from wall outlet.
12. Do not use appliance for other than intended use.
13. Be certain Lids are securely in place before operating appliance.
14. Scalding may occur if the Lids are removed during the brewing cycle.
15. The Carafe is designed for use with this appliance. It must never be used on a range top.
16. Do not set a hot Carafe on a wet or cold surface.
17. Do not use a cracked Carafe or a Carafe having a loose or weakened handle.
18. Do not clean Carafe with cleansers, steel wool pads, or other abrasive material.
19. Check Filter Basket for presence of foreign objects before using.

SAVE THESE INSTRUCTIONS

For Household Use Only

ADDITIONAL IMPORTANT SAFEGUARDS

WARNING: This appliance generates heat and escaping steam during use. Proper precautions must be taken to prevent the risk of burns, fires, or other injury to persons or damage to property.

1. All users of this appliance must read and understand this Owner's Manual before operating or cleaning this appliance.
2. The cord to this appliance should be plugged into a 120V AC electrical outlet only.
3. Use **water only** in this appliance! Do not put any other liquids or food products in this appliance. Do not mix or add anything to the water placed in this appliance, except as instructed in the User Maintenance Instructions to clean the appliance.
4. DO NOT attempt to move an appliance containing hot liquids. Allow appliance to cool completely before moving.
5. Keep appliance at least 4 inches away from walls or other objects during operation. Do not place any objects on top of appliance while it is operating. Place the appliance on a surface that is resistant to heat.
6. If this appliance begins to malfunction during use, immediately unplug the cord. Do not use or attempt to repair the malfunctioning appliance.
7. If this appliance falls or accidentally becomes immersed in water or any other liquid, unplug it immediately. **Do not reach into water! Do not use this appliance after it has fallen into or has become immersed in water.** Contact Consumer Service for examination and repair.
8. Do not leave this appliance unattended during use.
9. The appliance must be left to cool down sufficiently before adding more water to avoid spattering.
10. Always use fresh, cool water in your appliance. Warm water or other liquids, except as listed in the Care and Cleaning section, may cause damage to the appliance.
11. DO NOT put Carafe into a microwave.

CAUTION: To prevent injury when utilizing Pause & Pour (drip-stop) feature, replace Carafe within 20 seconds of removing during brewing process.

12. Make sure that the Filter Basket and Filter Basket Lid are securely assembled into the appliance before use.
13. Only coffee beans and coffee grounds should be placed into the Filter Basket.

ADDITIONAL IMPORTANT SAFEGUARDS *(Continued)*

**CAUTION: BLADES ARE SHARP. DO NOT ATTEMPT TO
DISASSEMBLE COFFEE MILL ASSEMBLY.**

**WARNING: To avoid serious injury, never place fingers
or objects at the bottom of the Filter Basket.**

**WARNING: To avoid scalding and burns, do not open
the Filter Basket Lid until all liquid has emptied into
the Carafe. Always allow the Coffee Maker to cool
for 15 minutes before brewing another Carafe of
coffee. Use caution; coffee grounds are hot after
brewing.**

Polarized Plug

This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit into a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to modify the plug in any way.

Short Cord Instructions

A short power-supply cord is provided to reduce the risk resulting from becoming entangled in or tripping over a longer cord.

Do not use an extension cord with this product.

Plasticizer Warning

CAUTION: To prevent Plasticizers from migrating to the finish of the counter top or table top or other furniture, place NON-PLASTIC coasters or place mats between the appliance and the finish of the counter top or table top.

Failure to do so may cause the finish to darken. Permanent blemishes may occur or stains can appear.

Electric Power

If the electrical circuit is overloaded with other appliances, your appliance may not operate properly. It should be operated on a separate electrical circuit from other appliances.

WARNING

**TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT
REMOVE THE BOTTOM COVER. NO USER-SERVICEABLE
PARTS INSIDE. REPAIR SHOULD BE DONE BY AUTHORIZED
SERVICE PERSONNEL ONLY.**

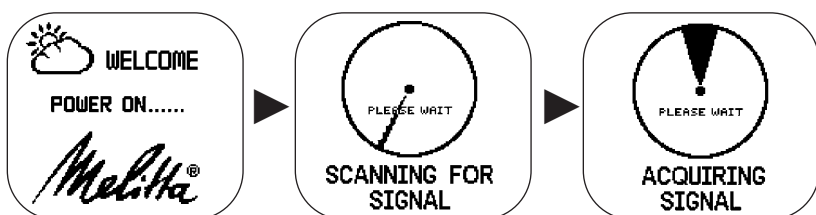
Quick Start: Plug & Play

MSN® Direct constantly streams both time and region-specific weather information to more than 120 cities in North America.

NO set-up, NO subscription, NO internet connection is necessary to receive the most up-to-the-minute time and weather information. All data is updated constantly, 24/7 via a regional FM signal.

Quick Start

1. Carefully unpack your Coffee Maker. Remove any labels from the outside surfaces.
2. Plug the Smart Mill & Brew™ Coffee Maker into a 120V AC electrical outlet.
3. The “Welcome” screen will appear, followed by “Scanning for Signal.” Depending on the signal strength in your area, “Acquiring Signal” may remain on the LCD Display for up to 1 hour. Please be patient.



4. **While the unit is scanning for the signal, you may begin to brew a Carafe of freshly ground coffee.** Simply press the ☕/☁ COFFEE/WEATHER Button and the “Mill & Brew Idle” screen will appear.



HELPFUL HINT: Use the ☕/☁ COFFEE/WEATHER Button to toggle between Coffee Mode and Weather Mode.

5. If this is the initial use of the Coffee Maker, please consult the section entitled “Before Using Your Smart Mill & Brew™ For The First Time” and follow the steps outlined on pages 14 and 15 to make sure the unit is properly cleaned and ready for brewing.
6. After cleaning, simply add your favorite whole bean coffee and water, select the grind setting for coffee beans, then grind and brew fresh coffee immediately. Ground coffee may also be used. Please consult the “Brewing Coffee: Immediate Start” section described on pages 15 to 17 for detailed procedures.

HELPFUL HINT: The unit's Clock automatically synchronizes to an atomic clock and the correct date, day and time will appear on the top of each Display.



Quick Start

7. **If the screen begins to flash** while your Coffee Maker is in operation, a real time Weather Alert or Amber Alert has been issued. Press the ☕/☁️ COFFEE/WEATHER Button and the information will scroll on the bottom of your screen. If you need to know further details about the Alert in your area, please tune into a local media source (i.e. TV, radio, or internet).
8. If the following screen appears, please visit the msn website at: www.msndirect.com/coverage to make sure there is FM signal coverage in your area. While we do not anticipate problems, if your Coffee Maker is still experiencing difficulty in obtaining a signal, please call 1-800-459-8060 for further assistance to help you resolve any issues.

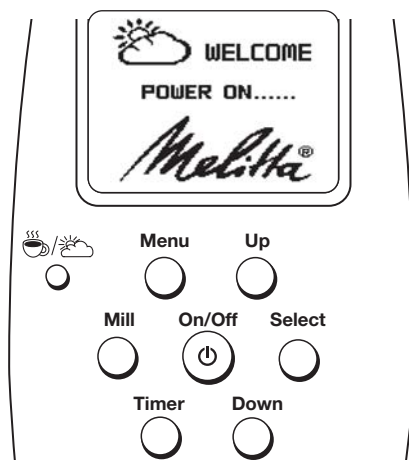


9. If you do not wish to see the sleeping cat, please consult the instructions for Menu/Setup on page 9 to turn Sleep Mode to OFF.



Coffee Maker Controls

Control Panel



Controls
& Features



COFFEE/WEATHER Button

Toggles between Coffee and Weather modes.

ON/OFF Button

Press to begin the grinding/brewing process; press to stop grinding or brewing or press to turn the Warming Plate manually OFF.

NOTE: To power OFF the unit completely, unplug the Coffee Maker.

MENU Button

Use to change default settings for backlight, date format, language, metric/temperature format, time format, and sleep (cat) mode. Also press to reset the Coffee Maker to original factory settings.

UP/DOWN Buttons

Use this pair of Buttons to navigate coffee brewing and weather operations and functions.

HELPFUL HINT: When programming Future Brew Start Time, press and hold down the UP or DOWN Button to fast forward or fast reverse the time in 5-minute increments.

TIMER Button

Press to program Future Brew Start Time.

MILL Button

Select coffee bean grind setting: from 0 to 7.

HELPFUL HINT: When using previously ground coffee, you must set Grind Level to "0" to turn the Grinder Blades OFF.

LCD Display

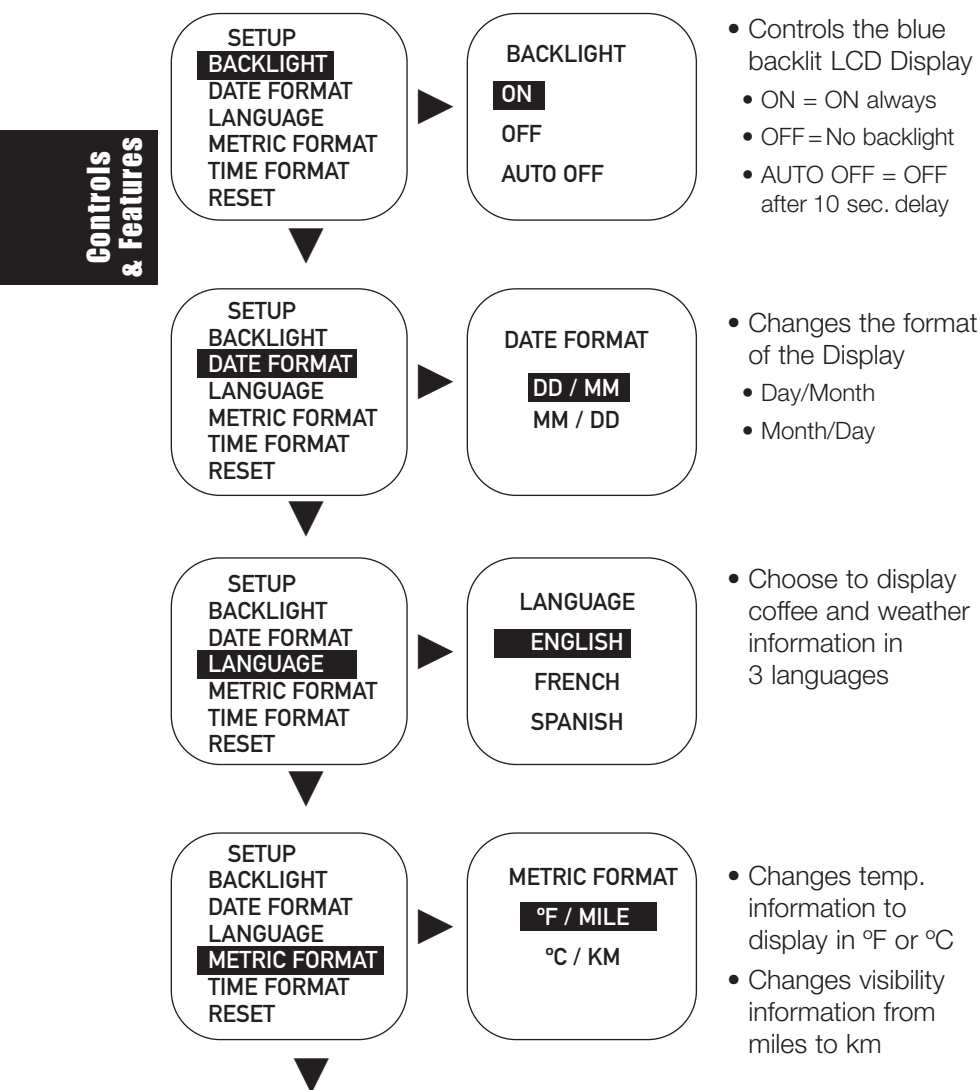
Displays current time, day, date, Coffee Maker status, Grind Level, current weather conditions and 3-Day weather forecast.

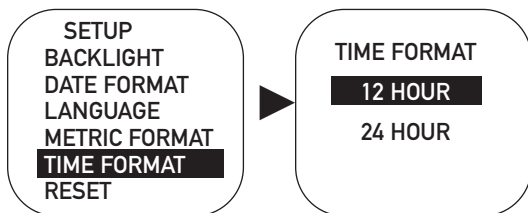
Menu/Setup

Press the MENU Button to change factory settings. Control options include: BACKLIGHT, DATE FORMAT, LANGUAGE: English, French or Spanish, METRIC FORMAT, TIME FORMAT, RESET all settings and SLEEP MODE (cat animation).

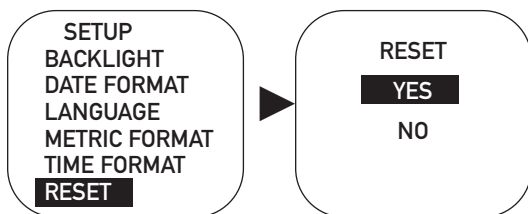
Press the UP or DOWN Button to navigate between settings. When the desired option is highlighted, press the SELECT Button to activate.

HELPFUL HINT: In the event of a power failure, it may be necessary to use the MENU Button to reset previously changed options.

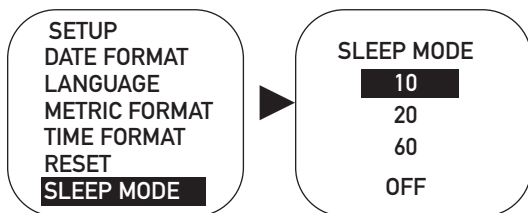




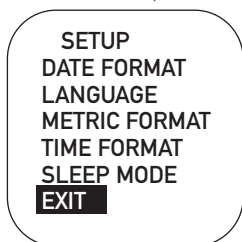
- Changes time display



- Resets all options to original factory settings



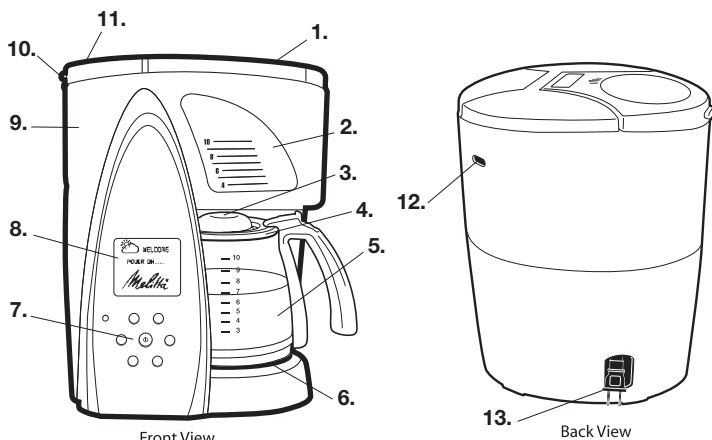
- When the unit is idle, the sleeping cat will appear. Cat will appear at the desired "sleep" time. Select OFF if the animated cat screens are not desired



- Press either the SELECT Button or press the MENU Button to exit the SETUP screen

Coffee Maker Features

NOTE: Your product may vary slightly from illustration.



Controls & Features

1. Water Reservoir Lid

Lift to pour water into the Water Reservoir.

2. Water Window

Markings indicate water needed to make corresponding cups of brewed coffee, 10 (5-oz.) cups maximum, 4 (5-oz.) cups minimum.

3. Pause & Pour

Stops the flow of coffee from the Brew Chamber when the Carafe is removed from the Warming Plate to allow a cup to be poured in mid-brew, if desired. Since the extraction rate varies during the brew cycle, we recommend allowing the brewing cycle to finish before pouring the brewed coffee.

CAUTION: To prevent injury when utilizing Pause & Pour (drip-stop) feature, replace Carafe within 20 seconds of removing during brewing process.

4. Carafe Lid (P/N 31190)

Special design minimizes oxygen flow into the Carafe to help preserve coffee flavor.

5. Carafe with Lid (P/N 31191)

10 cup capacity with a sturdy, easy-grip Handle.

6. Warming Plate with Auto Shut Off

The Warming Plate's scratch-resistant, non-stick coating prevents the Carafe from sticking. When brewing is complete, the Warming Plate keeps the coffee at the ideal serving temperature and will shut off automatically after 1 hour; the words "WARMING PLATE" will appear in the LCD Display when the unit is in the Coffee Mode and the Warming Plate is ON.

7. Control Panel

Use the Control Panel Buttons to set up all Coffee Maker functions, program the Mill, preset automatic Future Brew Time, and to manually start and stop brewing.

8. LCD Display

Program the blue backlight for spectacular visibility to highlight the Clock's date and time of day, display animated weather functions and Coffee Maker status.

9. Coffee Mill

Includes a Permanent Stainless Steel Filter Basket with integrated Stainless Steel Blades.

10. Coffee Mill Lid Latch

Press in Latch to release Lid.

11. Coffee Mill Lid

Lift to open.

12. Overflow Slot

If too much water is poured into the Water Reservoir, any excess drains through this opening.

13. Cord Storage Compartment

Store unused cord inside the hidden Cord Storage Compartment to keep counters neat.

HELPFUL HINT: Please call 1-800-459-8060 for availability of replacement parts.

Coffee Mill Assembly

1. Filter Basket (P/N 30640)

Permanent Stainless Steel Filter Basket makes paper coffee filters unnecessary.

2. Maximum Fill Level

To prevent overflowing, do not place more than 8 scoops (8 tablespoons) of coffee beans in the Filter Basket.

3. Blades

Stainless Steel Blades.

4. Brew Chamber (P/N 31193)

Holds the Filter Basket and Blades.

Brewed coffee flows through the Brew Chamber into the Carafe.

5. Pause & Pour Switch

During brewing, when the Carafe is placed properly on the Warming Plate, the Pause & Pour Switch is depressed, allowing brewed coffee to flow into the Carafe. If the Carafe is removed from the Warming Plate, the Pause & Pour Switch is in the 'out' position preventing brewed coffee from flowing from the Brew Chamber.

NOTE: To prevent overflows during the brew cycle, replace the Carafe within 20 seconds.

6. Filter Basket Tabs

Use tabs to remove Filter Basket when hot.

7. Filter Basket Lid (P/N 30639B)

Specially designed openings distribute hot water over coffee grinds for optimal brewing.

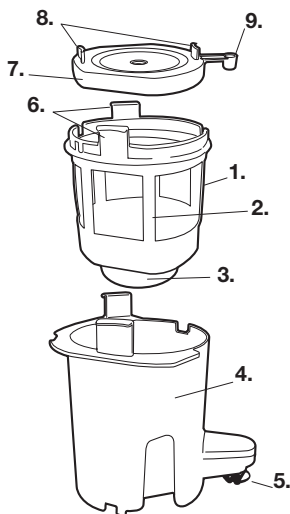
8. Filter Basket Lid Tabs

Use tabs to remove Filter Basket Lid when hot.

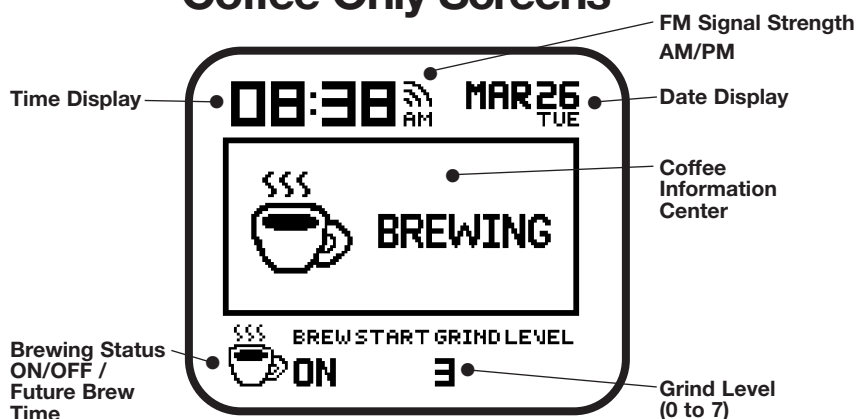
9. Safety Interlock Switch

This Switch prevents coffee brewing from beginning unless the Coffee Mill Assembly is placed properly in the Brew Chamber and the Coffee Mill Lid is closed securely.

CAUTION: BLADES ARE SHARP. DO NOT ATTEMPT TO DISASSEMBLE COFFEE MILL ASSEMBLY.



Coffee Only Screens



Coffee Information Center

The central portion of your screen displays all Coffee Maker operations associated with brewing coffee. The following screens will appear and provide Coffee Maker brew status information.

Mill & Brew Idle	1. Press	MILL & BREW IDLE
Grind Select	1. Press MILL Button 2. Press UP/DOWN Button 3. Press SELECT Button	GRIND SELECT
1. Grinding	1. Press the ON/OFF Button to begin the automatic Mill/Brew process	GRINDING
2. Brewing	2. Press the ON/OFF Button to STOP the automatic Mill/Brew process	BREWING
3. Warming Plate		WARMING PLATE
Program Time (Future Brew Start)	1. Press TIMER Button 2. Press UP/DOWN Button 3. Press SELECT Button	06:30 AM PROGRAM TIME
Enable/Disable (Future Brew)	1. Press UP/DOWN Button 2. Press TIMER Button	ENABLE DISABLE
WARNING	1. Replace the Coffee Mill Lid	WARNING COVER OPEN

Brewing Instructions

Brewing Instructions

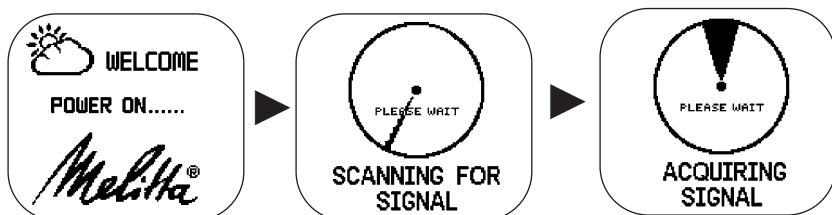
Before Using Your Melitta® Smart Mill & Brew™ Coffee Maker for the First Time

1. Carefully unpack your Coffee Maker. Remove any labels from the outside surfaces.
2. Clean the Carafe, Carafe Lid, Filter Basket and Filter Basket Lid in warm, soapy water. Rinse thoroughly and dry.
3. Fill the Water Reservoir to the 10-cup mark with cold water. Place the Carafe onto the Warming Plate.
4. Insert the Filter Basket and Filter Basket Lid into the Coffee Maker, taking care to replace it properly. **DO NOT USE COFFEE WHEN CLEANING. USE WATER ONLY.** Close the Coffee Mill Lid.

NOTE: The Coffee Mill Lid must be closed securely in order for the brew cycle to begin.

5. Plug the Smart Mill & Brew™ Coffee Maker into a 120V AC electrical outlet.
6. The “Welcome” screen will appear, followed by “Scanning for Signal” and then “Acquiring Signal” which may remain on the LCD Display for up to 1 hour depending on the signal strength in your area. Please be patient.

Brewing Instructions



7. While the unit is scanning for the signal, press the COFFEE/WEATHER Button to advance to the coffee-only mode. The “Mill & Brew Idle” screen advises the unit is not in operation.

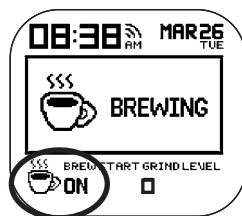


Press the COFFEE/WEATHER Button to change to the coffee-only mode.

Note the Grind Level listed at the bottom right side of the LCD Display. The unit is preset to “0.”

The synchronized Atomic Clock info at the top of the screen will appear when the FM signal has been acquired.

8. Press the ON/OFF Button. The “Brewing” screen will appear as water will begin to flow through the Coffee Maker. The Brew ON icon will appear at the bottom left of the LCD Screen.
9. When the Carafe is full, press the ON/OFF Button to turn the unit OFF. Discard the water in the Carafe. Allow the unit to cool for 15 minutes.
10. Refill the Water Reservoir and repeat steps 8 and 9 one more time.



Note the Brew ON steaming coffee cup icon at the bottom left side of the LCD Display.

Coffee Yield

A 5-oz. cup is the American industry standard and is used by most coffee maker manufacturers. The Smart Mill & Brew™ Coffee Maker brews a maximum of 10 (5-oz.) cups as indicated by the 10 coffee cup markings on the Water Window. **For best results**, we do not recommend preparing less than 4 cups (or 20 ounces) of coffee.

Brewing Coffee: Immediate Start

Brewing Instructions

1. Fill the Water Reservoir to the 10-cup mark with cold, fresh water. Place the Carafe securely onto Warming Plate.
- NOTE: Take care to place the Carafe squarely beneath the Brew Chamber. If it is even slightly off center, the Pause & Pour feature will prevent brewed coffee from flowing into the Carafe and the coffee may overflow.**
2. Press the ☕/☀️ COFFEE/WEATHER Button twice to advance to the coffee-only mode. The “Mill & Brew Idle” screen advises the unit is not in operation.



3. Open the Coffee Mill Lid and remove the Filter Basket Lid. Using the scoop provided with your Coffee Maker, measure the desired amount of roasted whole bean coffee into the Filter Basket. We recommend using 1 scoop for every 2 cups of brewed coffee, which may be adjusted to suit your individual tastes.

NOTE: 1 scoop = 1 tablespoon.

WARNING: The Filter Basket maximum capacity is 8 scoops of whole bean coffee. DO NOT EXCEED THE 8-SCOOP MAXIMUM.

NOTE: 8 scoops = 8 tablespoons maximum.

4. Replace the Filter Basket Lid, taking care to place it securely on the Filter Basket.

WARNING: The Coffee Maker will not operate without the Lids being closed properly. A Warning Screen will appear. Replace the Coffee Mill Lid and operation will resume.

**WARNING
COVER OPEN**

NOTE: Ground coffee may be substituted for whole coffee beans.

We recommend using 1/2 to 1 tablespoon of ground coffee beans for every brewed cup of coffee, which may be adjusted to suit your individual tastes.

NOTE: When using ground coffee press the MILL Button and set Grind Level to “0” (See the following section: “Selecting the Grind Level” for complete procedure.)

Selecting the Grind Level

1. Press the MILL Button. The Grinder is factory preset to Grind Level “0.”



NOTE: Once the Level has been changed, the Grind Level will default to the last Grind Level chosen.

2. Adjust the Grind Level by pressing the UP or DOWN Button repeatedly. “1” is the coarsest grind, “7” is the finest. The grind selection will flash as it changes. When the Grind Level is set to “0,” Grinder Blades are OFF.
3. When the desired Grind Level appears on the screen, press the SELECT Button.
4. To begin the brewing process, press the ON/OFF Button. The Coffee Mill will begin grinding the coffee beans. The “Grinding” screen will appear in the coffee information center of the Display during the grinding operation. Brewing will begin automatically.

NOTE: If the Grind Level is set to “0,” when the ON/OFF Button is pressed, brewing will begin immediately.

5. A cup of steaming coffee icon and “ON” will appear in the lower pane of the LCD Display during brewing.



6. When brewing is complete, the WARMING PLATE screen will appear. The Warming Plate will keep your coffee at the ideal serving temperature for 1 hour. As a safety precaution, the Warming Plate will automatically shut off after 1 hour.



HELPFUL HINT: To stop the brewing process at any time, press the ON/OFF Button.

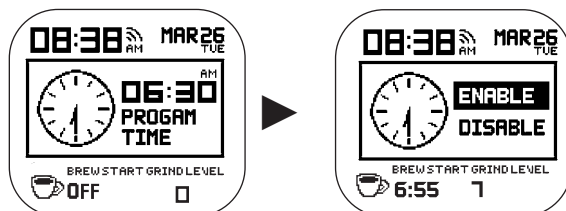
For Best Results:

- To avoid overflow and water leakage from the back of the Coffee Maker, do not fill the Water Reservoir with more than 10 (5-oz.) cups of fresh water; do not exceed the 10-cup marking on the Water Reservoir.
- Do not add less than 4 cups (20 ounces) of water to the Water Reservoir.
- Do not add more than 8 scoops of whole bean coffee to the Filter Basket.
- To keep coffee hot, return the Carafe to the Warming Plate after serving.
- The Coffee Mill is intended for **COFFEE ONLY**. Never grind any other food products or spices in the Coffee Mill.

Setting the Future Brew Start Time

1. The Future Brew Time is disabled from the factory. The word “OFF” will appear on the lower left corner of the Display. To set, press the TIMER Button.

NOTE: Once the Future Brew Time has been set, the Future Brew Time will default to the last time chosen.



2. Future Brew Start “hours” time (next to the coffee cup in the bottom pane) will begin to flash. Adjust the Future Brew Time “hours” by pressing the UP or DOWN Button repeatedly. The hands of the clock will spin. When the desired “hour” is shown, press the SELECT Button. Next the “minutes” will begin to flash. Press the UP or DOWN Button until the desired “minutes” appears on the screen; then press the SELECT Button.

HELPFUL HINT: Hold down the UP or DOWN Button to fast forward or fast reverse the time in 5-minute increments. The AM and PM will automatically change.

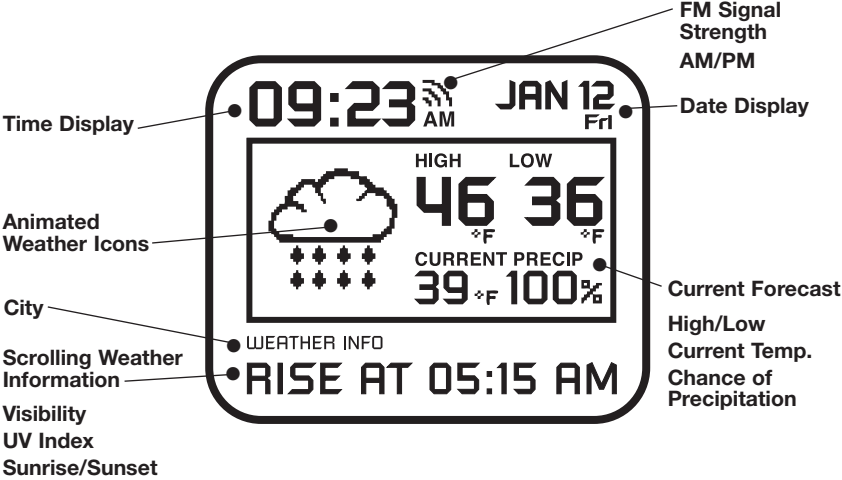
3. When the desired Brew Start time appears on the Display, press the TIMER Button to finalize.
4. The ENABLE/DISABLE screen will automatically appear on the Display. “ENABLE” will be highlighted. Press the SELECT Button to program the desired Future Brew Start time into memory.

IMPORTANT: If the Future Brew Time function is not needed for the following day, press the TIMER Button to activate the Timer function, then press TIMER Button again, and the ENABLE/DISABLE screen appears. Press the DOWN Button to highlight DISABLE and press the SELECT Button to stop Coffee Maker from brewing automatically. The word OFF will appear next to the coffee cup icon in the lower left corner of the LCD Display.

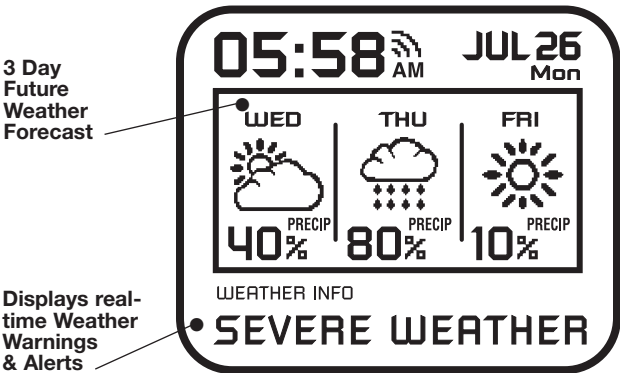
5. Prepare the unit for future brewing. Fill Water Reservoir with the desired amount of water; add coffee beans or ground coffee to the Filter Basket. Please consult the “Brewing Coffee: Immediate Start” section described on pages 15 to 17 for detailed procedures.

Weather Only Screens

Current Conditions and Forecast



3-Day Weather Forecast



Weather
Mode

HELPFUL HINTS: 4 Weather screens will advance automatically. Press the UP Button at any time to manually advance to the next screen or press the DOWN Button go back to previous screen.

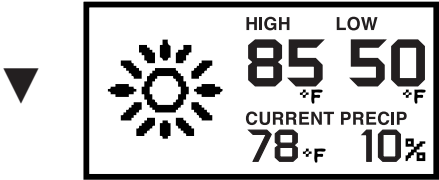
Please consult the “Definition of Terms” and “Understanding Weather Alerts” sections described on pages 25 and 26 for further information.

Weather Information Center

When the Coffee Maker is in the Weather mode, real time information is updated continuously, 24/7 via a regional FM signal. The 4 Weather screens advance automatically. Press the UP Button at any time to manually advance to the next screen or press the DOWN Button to go back to previous screen.

Current Forecast

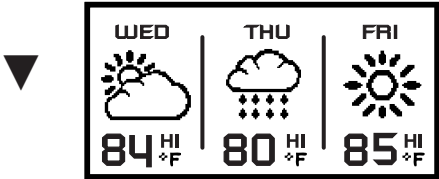
Screen 1



- Weather Icon
- Today's High Temp.
- Today's Low Temp.
- Current Temp.
- Probability of Precipitation

3-Day Weather Forecast

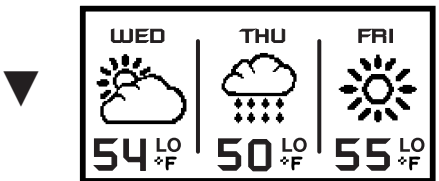
Screen 2



High Temps

3-Day Weather Forecast

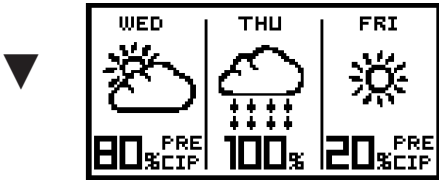
Screen 3



Low Temps

3-Day Weather Forecast

Screen 4



Probability of Precipitation

Weather
Mode

Weather Icons

Description	Icon
Sunny	
Partly-Sunny	
Cloudy	
Rain	
Thunder Storm	
Night Clear	
Night Cloudy	
Frigid	
Snow	
Fog	
Windy	
Haze	
Dust	
Smoke	

Weather
Mode

Weather Warnings & Alerts

When the Coffee Maker is in the Weather mode, real time information at the bottom portion of the screen is updated continuously, and will scroll through the information described in the chart below.

NOTE: Press the ☕/☁ **COFFEE/WEATHER** Button to display pertinent **Coffee** information on the bottom pane. Please refer to the diagram on page 13 of this Owner's Manual for a detailed description of coffee information displayed.

NOTE: *If the screen begins to flash* while your Coffee Maker is in operation, a real time Weather Alert or Amber Alert has been issued. Press the ☕/☁ **COFFEE/WEATHER** Button and the information will scroll on the bottom of your screen. If you need to know further details about the Alert in your area, please tune into a local media source (i.e. TV, radio, or internet).

HELPFUL HINT: Please refer to the “Definition of Terms” section on pages 25 and 26 of this Owner's Manual for the National Weather Service's detailed descriptions of Weather Warnings and Alerts.

Weather
Mode

Severe Weather

WEATHER INFO

SEVERE WEATHER

Visibility (in miles or km)

WEATHER INFO

VISIBILITY 10 MILES

Sunrise

WEATHER INFO

SUNRISE AT 05:15 AM

Sunset

WEATHER INFO

SUNSET AT 07:15PM

UV Levels

WEATHER INFO

UV NO. 02-LOW

- by UV Index Number
- low, moderate, high

HELPFUL HINT: Please refer to the “Weather Terms / Ultraviolet Index” section on page 25 of this Owner's Manual for a detailed description of the UV Index and proper actions to take based on UV information.

User Maintenance Instructions

This appliance requires little maintenance. It contains no user serviceable parts. Do not try to repair it yourself. Any servicing requiring disassembly must be performed by a qualified appliance repair technician.

Care and Cleaning

Coffee is naturally oily. A build up of coffee oils on the Coffee Maker will adversely affect the taste of new pots of coffee. For best results, completely clean and dry all removable parts after every use.

When cleaning your Coffee Maker, please observe the following precautions:

- Make sure the Coffee Maker is OFF. Unplug and allow the Coffee Maker to cool completely before cleaning.
- **NEVER IMMERSE THE CORD, PLUG OR COFFEE MAKER IN WATER OR OTHER LIQUID.**
- Do not use metal cleaning pads or abrasive cleaners.

Daily

Wash all removable parts in warm, soapy water. Rinse thoroughly and dry. If necessary, use a small brush, such as a toothbrush, to clean the Carafe Lid, the bottom of the Filter Basket and around the Pause & Pour Switch.

Monthly

Mineral deposits from tap water can clog the Coffee Maker or reduce its efficiency and adversely affect the taste of the coffee. For best coffee brewing results, the Coffee Maker should be cleaned once a month with a solution of vinegar and water. To remove mineral deposits from the Coffee Maker, follow the descaling instructions described below:

1. Pour 1/2 cup of vinegar into the carafe. Add cold water up to the Water Reservoir's 4-cup mark. Pour the vinegar/water mixture into the Water Reservoir.
2. Insert the Filter Basket. **DO NOT USE COFFEE!**
3. Make sure the Grind Level is set to "0" to turn the Blades OFF. Consult the "Selecting the Grind Level" section of this Owner's Manual for detailed instructions.
4. Press the ON/OFF Button to begin the brew cycle.
5. When the brew cycle is finished, press the ON/OFF Button to turn the Coffee Maker OFF. Carefully remove the Carafe and place on a heat resistant surface.
6. Wait 15 minutes. Pour the same vinegar/water solution back into the Water Reservoir. Replace the Carafe onto the Warming Plate.

7. Press the ON/OFF Button to turn the Coffee Maker ON again. Allow the vinegar/water solution to cycle through the Coffee Maker. When the brew cycle is finished, press the ON/OFF Button to turn the Coffee Maker OFF and discard the vinegar/water solution.
8. **To rinse:** Allow the Coffee Maker to cool for 15 minutes. Fill the Carafe with cold fresh water. Pour the water into the Water Reservoir. Replace the Carafe onto the Warming Plate and press the ON/OFF Button. When the brew cycle is complete discard the water. Repeat with another Carafe of fresh water. Discard the rinse water.
9. Wash and dry all removable parts. Wipe the exterior of the Coffee Maker with a damp cloth.

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

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.

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 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 needed.
- Consult the dealer or an experienced radio/TV technician for help.

Definition of Terms*

BE PREPARED FOR HAZARDOUS WEATHER

WATCH = Be alert!

WARNING = Take action!

Understanding Weather Alerts

Weather Advisory

An advisory is for less serious conditions that cause significant inconvenience and, if caution is not exercised, could lead to situations that may threaten life and/or property.

Weather Watch

A watch is used when the risk of a hazardous weather event has increased significantly, but its occurrence, locations, and/or timing is still uncertain. It is intended to provide advance notice of possible inclement weather.

Weather Warning

A warning is used for conditions posing an immediate threat to life or property. Depending on the type of warning, you should take immediate, appropriate action.

Ultraviolet Index

This index provides important information to help you plan your outdoor activities in ways that prevent overexposure to the sun's rays. It was designed by the National Weather Service (NWS) and the Environmental Protection Agency (EPA).

Category	UV Index	Time to Burn**	Actions to Take
Minimal	0 - 2	60 min.	Apply SPF sunscreen.
Low	3 - 4	45 min.	Apply SPF sunscreen, wear a hat.
Moderate	5 - 6	30 min.	Apply SPF 15, wear a hat.
High	7 - 9	15 - 24 min.	Apply SPF 15 to 30, wear a hat & sunglasses. Limit midday exposure.
Very High	10+	10 min.	Apply SPF 30; wear a hat, sunglasses, and protective clothing; limit midday exposure.

Definition
of Terms

**** PLEASE NOTE: All skin types are different. This chart is to be used as a guide only. Please use caution whenever you are unprotected from the sun's rays.**

Visibility

The distance at which a given standard object can be seen and identified with the unaided eye.

Probability of Precipitation (PoP)

PoP Percent	Expressions of Uncertainty
10%	slight chance or none
20%	slight chance
30-40-50%	chance
60-70%	likely
80-90-100%	(none used)

Winds

If the Sustained Wind Speed is 20-30 mph, the term “Windy” may be applied. The numbers may vary in other parts of the country due to such variables as terrain and elevation.

What is an AMBER Alert?

The AMBER Alert Plan is a voluntary partnership between law-enforcement agencies and broadcasters to activate an urgent bulletin in the most serious child-abduction cases.

Broadcasters use the Emergency Alert System (EAS), formerly called the Emergency Broadcast System, to air a description of the missing child and suspected abductor.

This is the same concept used during severe weather emergencies. The goal of the AMBER Alert is to instantly galvanize the entire community to assist in the search for and safe return of the child.

Alert information is put together for public distribution. This information can include descriptions and pictures of the missing child, the suspected abductor, a suspected vehicle, and any other information available and valuable to identifying the child and suspect.

Please consult: <http://codeamber.org> for further information on Amber Alerts in and around your area.

*Terms and information provided by the National Weather Service.

Trouble Shooting

Symptom	Possible Solutions
	Visit the msn website at: www.msndirect.com/coverage to make sure there is FM signal coverage in your area or please call 1-800-459-8060 for further assistance.
	The Coffee Maker will not operate without the Lid being closed properly. Replace the Coffee Mill Lid and operation will resume.
Unit will not brew coffee	The Coffee Mill Assembly must be placed properly in the Brew Chamber and the Coffee Maker Lid must be closed securely.
Power Failure	Unplug the Coffee Maker until power is re-established.
Overlapping FM Coverage	The Coffee Maker will automatically select data from the FM tower signal that is strongest. In the event of a local Weather or Amber Alert, consult a trusted TV, radio or internet station.
Temperatures are in °C	Press MENU Button and change METRIC FORMAT to °F.
Visibility miles are in km	Press MENU Button and change METRIC FORMAT to miles.

Symptom

Possible Solutions

Coffee is too weak
or too strong

See Coffee Brew Chart below.

Coffee Brew Chart		
	Weaker	Stronger
Grind	Coarser	Finer
Coffee Beans	Use less	Add more
Water	Add more	Use less
*Do not use less than 4 (5-oz.) cups of water. *Do not exceed 10 (5-oz.) cups of water and 8 scoops of whole bean coffee. (1 scoop = 1 tablespoon) NOTE: This chart is to be used as a general guide. Adjust coffee, water and grind to suit your individual taste.		

There is water on the
countertop behind the
Coffee Maker

Do not overfill the Water Reservoir.
Do not exceed 10 (5-oz.) cups
of water.

Remove the animated
sleeping cat from the
LCD Display

Press MENU Button and change
Sleep Mode to OFF.



Symptom	Possible Solutions
I have pressed the ON/OFF Button but the Coffee Maker will not turn OFF	The ON/OFF Button will STOP the Mill/Brew process. Unplug the Coffee Maker to turn the unit OFF.
Display graphics are unclear on the Display	Press the MENU Button to RESET the unit. If Display is unclear, unplug unit and let sit for 5 minutes. When the unit is plugged in, the Coffee Maker will scan to acquire the signal. Depending on the signal strength in your area, “Acquiring Signal” may remain on the LCD Display for up to 1 hour. Please be patient.
Screen appears to flicker	This is normal. When the Coffee Maker is scanning for the FM signal, some flickering may be noticeable. Please be patient.
Screen is flashing	A real time Weather Alert or Amber Alert has been issued. Press the  COFFEE/WEATHER Button and the information will scroll on the bottom of your screen. If you need to know further details about the Alert in your area, please tune into a local media source (i.e. TV, radio, or internet).

LIMITED ONE-YEAR WARRANTY

Warranty Coverage: This product is warranted to be free from defects in materials or workmanship for a period of one (1) year from the original purchase date. This product warranty is extended only to the original consumer purchaser of the product and is not transferable. For a period of one (1) year from the date of original purchase of the product, our Repair Center will, at its option, either (1) repair the product or (2) replace the product with a reconditioned comparable model. These remedies are the purchaser's exclusive remedies under this warranty.

Warranty Service: To obtain warranty service, you must call our warranty service number at 1-800-233-9054 for return instructions on how to deliver the product, in either the original packaging or packaging affording an equal degree of protection to the Repair Center specified below. You must enclose a copy of your sales receipt or other proof of purchase to demonstrate eligibility for warranty coverage.

To return the appliance, ship to:

ATTN: Repair Center
708 South Missouri Street
Macon, MO 63552 USA

To contact us, please write to, call, or email:

Consumer Relations Department
PO Box 7366
Columbia, MO 65205-7366 USA
Phone: 1-800-233-9054
Email: consumer_relations@toastmaster.com

What Is Not Covered: This warranty does not cover damage resulting from misuse, accident, commercial use, improper service or any other damage caused by anything other than defects in material or workmanship during ordinary consumer use. This warranty is invalid if the serial number has been altered or removed from the product. This warranty is valid only in the United States and Canada.

LIMITATION ON DAMAGES: THERE SHALL BE NO LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY OR CONDITION ON THIS PRODUCT.

DURATION OF IMPLIED WARRANTIES: EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ALL IMPLIED WARRANTIES AND CONDITIONS, INCLUDING, WITHOUT LIMITATION, IMPLIED WARRANTIES AND CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE OR USE ON THIS PRODUCT ARE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may have other rights under the laws of your jurisdiction.

For more information on our products, visit our website: www.esalton.com.