USER MANUAL

EZ Time & Temp

Wakeup Announcer with **Time & Temperature**

EZadvantage

www.ezadvantage.com

EZ TIME & TEMP User Manual
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All specifications, information, contained herein is subject to change
without prior notice.

EZ Advantage Corp.
221 Broad Street
MILFORD, CT-06460
U.S.A.
Email: sales@ezadvantage.com
Website: www.ezadvantage.com

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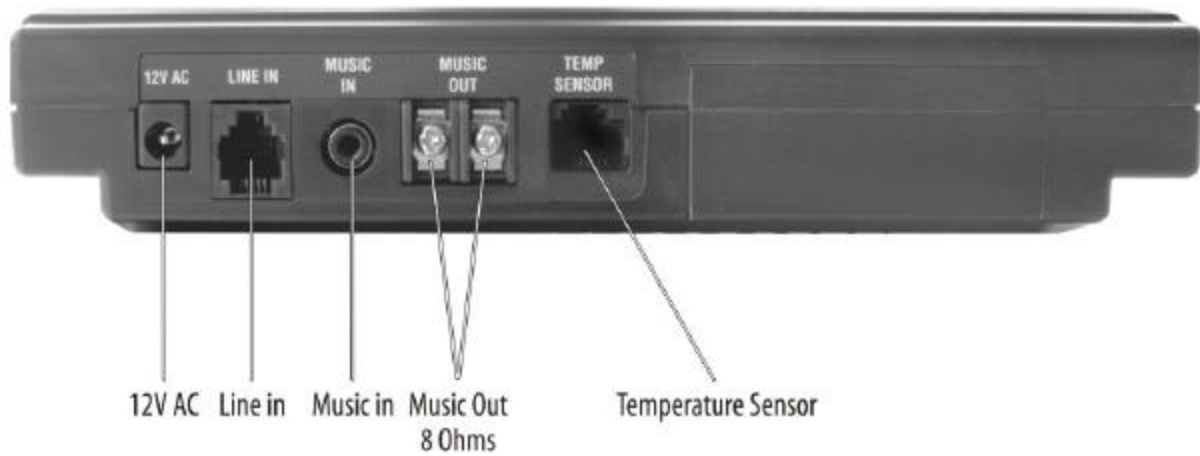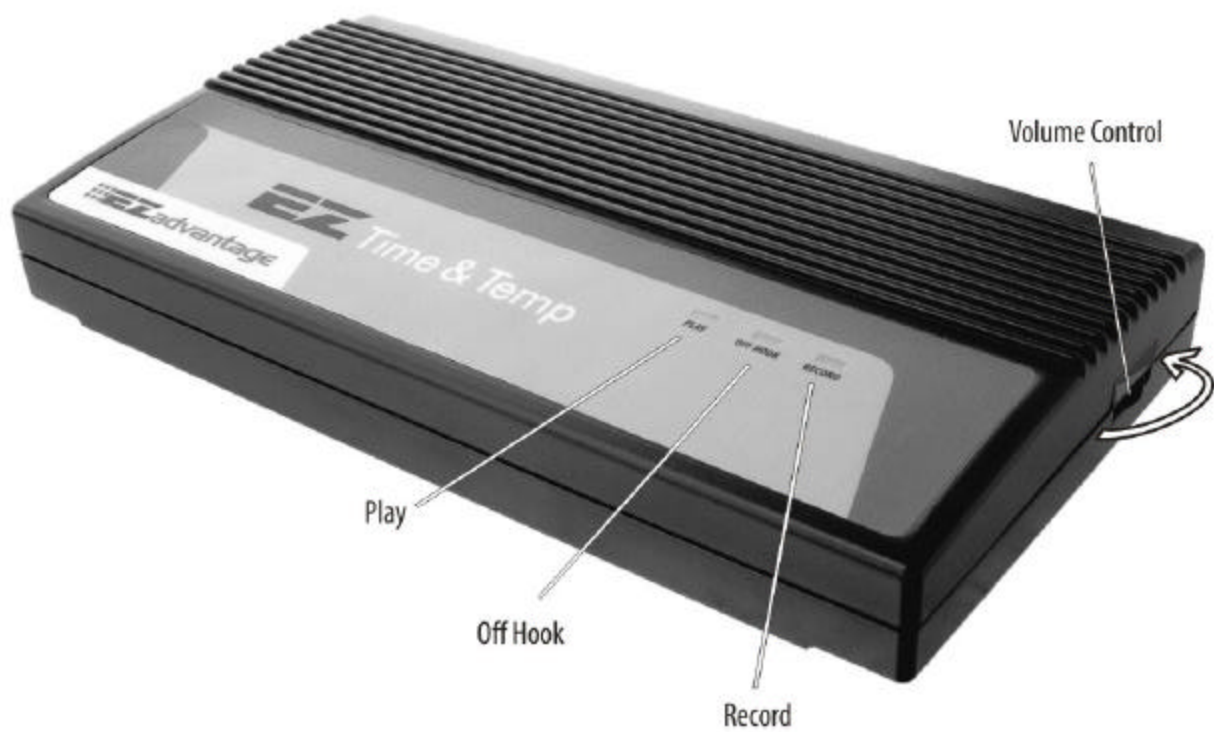
General Features

The EZ TIME & TEMP is a Wake up message announcer with the Time and Temperature announcement ability. The unit has a total of 4 minutes of recording space, out of which 3.5 minutes is used for default messages and 30 seconds of voice recording space is available to the user for the actual wakeup message.

The EZ TIME & TEMP also has a music input. While recording the main greeting, a music source may be connected through this input, to have background music while the main greeting is played back.

Status lamps show the current operating status of the unit. When the EZ TIME & TEMP is powered on, the green colored PLAY lamp blinks a few times rapidly, glows steady for 1 second and then flashes on-off, indicating normal operation. The OFF HOOK lamp starts glowing as soon as an incoming call is answered and remains on as long as that port is off-hook. The RECORD lamp glows while the port is recording a voice message.

A standard USOC RJ11 phone jack is used to connect the EZ TIME & TEMP to the property's PBX as an extension. The power input is through a DC power socket and the unit will work reliably for any ac or dc input voltages in the range of 9 to 15 volts.

The EZ TIME & TEMP may be wall mounted or kept on the tabletop. The unit has wall-mounting eyelets on the bottom of the unit. The distance between the center points of the mounting screws should be 6 1/8 inches.

The EZ TIME & TEMP has a Volume Level adjust control on the side of the unit, for adjusting the output level of the voice message played back to the caller.

The EZ TIME & TEMP allows to enable or disable the wake up, time and temperature announcements individually. Hence, the unit may be used as a 'Wake up announcer' only, or as a 'Time Announcer' only, or as a 'Temperature Announcer' only or in any combination of the above.

All the announcements are enabled by default. If the Temperature announcement is enabled, the temperature will be announced if the temperature probe is plugged in. If the temperature probe is unplugged for any reason, the Temperature will not be announced.

The EZ TIME & TEMP does not need any batteries to retain its VOICE MESSAGES or the Program Parameters, since both are stored in Non-volatile memory.

The EZ TIME & TEMP is a Plug-n-play product, which can be put to use with a minimum of programming. It comes with default parameters and default voice messages programmed in the unit.

The EZ TIME & TEMP is completely remote programmable.

Installation

Unpack the unit from its shipping carton and check that all the materials have been received in good condition. Any damages or shortfalls must be reported immediately to the distributor from whom the purchase was made.

Your EZ TIME & TEMP shipping carton must contain :

    The EZ TIME & TEMP Announcer
    User Manual
    Wall Adapter
    Modular cable
    Temperature probe (if ordered)

Select a suitable location for the EZ TIME & TEMP to be placed—it may be wall mounted or kept on the tabletop. A suitable location should have one or two phone extension sockets and a power socket close by, should be easily accessible for any service or maintenance work.

Plug in the Wall Power adapter into the Power socket and insert the other end into the Power input connector on the EZ TIME & TEMP. Switch on the power to the unit. The PLAY lamp on the unit should flash rapidly for about 2 seconds, then remain steady for a second and then continue to flash once a second, indicating that it is now in normal operation.

Insert the modular connector in the line jack on the unit and insert the other end into the wall extension socket. Sometimes, when the power is first applied or when the phone cord is inserted, the PLAY lamp may glow steadily for about 5 seconds before returning to the slow On-Off flashing state. This is normal and need not cause any concern.

The Temperature probe is supplied with a standard CAT5 cable of 50' length and is terminated on a RJ45 jack. Insert the jack into the receptacle for the temperature probe on the rear panel of the unit.

You are now ready to do a Functional Check of the unit and then put it into operation.

Functional Check

After the Installation has been completed satisfactorily, you will need to carry out a few preliminary checks, before putting the unit into operation.

If you are looking at the EZ TIME & TEMP while you are running the functional check, it will be very easy to solve any problems that may be encountered as well as understand the programming methods.

You will need another extension from which you can call into the EZ TIME & TEMP to go through the functional check. Ascertain the extension number of the EZ TIME & TEMP and call into it from the second extension. The unit should pick up the call after the second ring and start playing the main greeting.

If the EZ TIME & TEMP does not pick up the call by the second ring - observe whether the PLAY lamp on the unit is steady or flashing. If it is still flashing, it means that the unit is not getting any RING signal. Check the extension into which the EZ TIME & TEMP is plugged in—it may be faulty or you may be calling some other extension number.

If the PLAY lamp is steady, wait for at least 16 rings. If the unit does not pick up the call even after 16 rings, most likely, the ringing signal received from the PBX is faulty.

Once the unit picks up and answers the call, listen to the voice message and adjust the output level if necessary. The Volume adjust control is located at the bottom of the unit. As long as the unit remains off hook, the OFF HOOK lamp will be glowing steadily.

Go into the programming mode and run program #999 to set all default values and then set all the other parameters to suit your site.

Programming the Unit

The EZ TIME & TEMP Announcer is shipped from the factory with default settings, which should be good enough to work in most installations. However, some site-specific parameters may need to be programmed, before the unit is put into operation.

The available programs along with the valid input parameters and the defaults already programmed in the unit are given on Page 4.

The unit has a built in set of voice prompts, which are used to guide the user during programming and also to ascertain the currently programmed values in the system.

The unit is fully remote programmable. The user may program and check all of the values as well as record the main greeting, from any remote location, by calling into the unit from a standard touch-tone phone instrument.

The default parameters have been designed to work straight away for most of the installations. Although the user is permitted to re-record any of the prompts, it must be noted that, the default prompts, once recorded over, cannot be retrieved.

The unit will accept any digits that are dialed while the main greeting is being played.

To enter the Programming Mode:

Call in to the EZ TIME & TEMP by dialing the extension to which it is connected. The unit will pick up the call and start playing the main greeting. At any time while the main greeting is being played, or immediately after the main greeting is over, press the 'star' key (✱) to enter the Programming mode.

As soon as ✱ is pressed, the main greeting will stop playing. Now, enter the 5-digit password followed by the 'pound' (#) key. The default password is 12345.

If the password is valid, the unit will prompt you with the message "Enter Program Number". If the password is invalid, you will hear the message "This entry is invalid" and the unit hangs up the call.

Press 12345# to enter programming mode. Press # to exit programming mode.

General Programming Rules

All the digits for the program number and the values for that program should be entered one after the other.

If the unit responds with the message "This entry is invalid", it means that either you entered a program number which does not exist or that the parameters for that program are invalid / out of range.

If a digit is input while the unit is playing a voice prompt, the voice prompt will be terminated and the unit will wait for further inputs. Hence, until the user is familiar with the programming methodology, it is recommended that the user wait for the voice prompts to finish playing fully before proceeding with the next program inputs.

If no digits are input for 10 seconds, the unit will time-out and exit from the programming mode.

On successful completion of a program, the old values will be overwritten with the new values in the unit's non-volatile memory and will come into effect after exiting from the programming mode. The unit may take about 1 second to write the values in the non-volatile memory. If more than 1 digit is entered during this period, it will lead to an error or unexpected consequences.

Hence, if you are using a butt set to program the unit, it is advisable to wait for at least 1 second before continuing with the next program.

The values that are currently programmed in the system may also be ascertained by 'listening' to the values prompted by the system. The # key is not prompted since it is used to terminate an entry.

After the programming is over and the user exits the programming mode by pressing #, the unit starts playing the main greeting.

List of available programs

Program #	Program description	Default value
101 / 201	Change the existing password	12345
102 / 202	Number of rings to pick up (09)	1
103 / 203	Record Wakeup Main greeting	-
104 / 204	Wake up message enable (0/1)	0 (enable)
105 / 205	Time announcement enable (0/1)	0 (enable)
106 / 206	Temp announcement enable (0/1)	0 (enable)
107 / 207	Set Real Time clock	-
108 / 208	Time of day greeting enable (0/1)	0 (enable)
109 / 209	Date announcement enable (0/1)	0 (enable)
110 / 210	Fahrenheit or Centigrade select	0 (F)
300	Playback all default prompts	
301-399	Playback selected prompt	
400	Record all default prompts (through phone)	
401-499	Record selected prompt (through phone)	
500	Record all default prompts (through PC)	
501-599	Record selected prompt (through PC)	
999	Set all default values	

Program # 101:

To program a new 5 digit password -

Enter 101 nnnnn.

`nnnnn' is the new password that you want to set. The password may include the digits 0 to 9, but not ✱ or # as a digit.

Length of entry = fixed 5 digits

Default password = 12345

Program # 201:

To listen to the currently programmed password

You will hear:

"Two Zero One (0.6 sec silence) One Two Three Four Five"

Program # 102:

Number of rings to pick up:

When the PBX routes an incoming call to the unit, it may be programmed to answer the call immediately or after the first ring or anywhere up to the ninth ring.

Enter 102 n where n = 0 to 9 rings

If ✱ is entered, the unit will prompt the message "This entry is invalid".

Default value = 1 Length of entry = fixed 1 digit

Program # 202:

To listen to the currently programmed value for the Number of rings to pick up -

You will hear:

"Two Zero Two (0.6 sec silence) One"

Program # 103:

To record the main greeting - EZ TIME & TEMP has a default main greeting already recorded in it. To record your message over this default greeting, do as follows:

Enter 103 - You will hear a long tone. Begin speaking after the tone. Press # to terminate the recording.

The Main greeting may be recorded up to the end of the available recording space. Once a new greeting is recorded, restoring the factory default settings cannot retrieve the default greeting.

Program # 203: To listen to main greeting

After the main greeting is played back, the unit will prompt with Enter program number indicating that it is ready to accept the next input.

If a digit is input while the main greeting is playing, the unit will terminate the greeting playback and accept the dialed digit as the first digit of the next program number.

Program # 104:

Wake up announcer mode : Enable / Disable

The Wake up announcement in the EZ Time & Temp unit may be enabled or disabled under program control.

Note:

If the Wake up message is disabled, the Time of day prompt and the Main Greeting are not played back to the guest.

This may be useful when the user wants the unit to give only time or temperature announcements and is not being used for wake up announcements.

Enter 104 n where n = 0 or 1

Default value = 0 (Enabled).

To disable the Wake up message, enter 104 1.

Length of entry = fixed 1 digit

If any value other than 0 or 1 is entered, the unit prompts the message "This entry is invalid".

Program # 204:

To listen to the currently programmed value -

You will hear: "Two Zero Four (0.6 sec silence) Zero"

Program # 105:

Time announcement : Enable / Disable

A typical wake up message will have the wake up greeting, a current time announcement and a current temperature announcement. However, if the user does not want the current time announcement in the EZ Time & Temp unit, this may be enabled or disabled under program control.

Enter 105 n where n = 0 or 1 Default value = 0 (Enabled).

To disable the current time announcement, enter 105 1.

Length of entry = fixed 1 digit

If any value other than 0 or 1 is entered, the unit prompts the message "This entry is invalid".

Program # 205:

To listen to the currently programmed value -

You will hear: "Two Zero Five (0.6 sec silence) Zero"

Program # 106:

Temperature announcement : Enable / Disable

A typical wake up message will have the wake up greeting, a current time announcement and a current temperature announcement. However, if the user does not want the current temperature announcement in the EZ Time & Temp unit, this may be enabled or disabled under program control.

If the temperature probe is unplugged for any reason, the Temperature will not be announced.

Enter 106 n where n = 0 or 1 Default value = 1 (Disabled).

To enable the current time announcement, enter 106 0.

Length of entry = fixed 1 digit

If any value other than 0 or 1 is entered, the unit prompts the message "This entry is invalid".

Program # 206:

To listen to the currently programmed value -

You will hear: "Two Zero Six (0.6 sec silence) One"

Program # 107:

Set Real Time Clock

Set REAL TIME CLOCK Date, Time and the Day of the week. The unit has a Battery backed Real Time Clock.

To set the time, enter 107 YY MM DD WW HH MM (where YY is the Year in two digit format, MM is the Month from 01 to 12, DD is the day from 01 to 31, WW is the day of the week (Monday=01, Saturday=06, Sunday=07), HH is the hours in 24 hour format 00 to 23 and MM is minutes 00 to 59)

If an Invalid value is entered, the unit prompts the message "This entry is invalid".

Program # 207:

Listen to current Date and Time. For example, if the time is 7:45 am on Monday August 17th, 2005, the unit prompts

"Two Zero Seven (0.6 sec silence) Seven Forty Five AM Monday August Seventeen Two Zero Zero Five".

Program # 108:

Time of day greetings : Enable / Disable

The Wake up announcement in the EZ Time & Temp unit is preceded by a time of day greeting, such as "Good Morning" etc. depending on the current time in the unit. This greeting may be enabled or disabled under program control.

Enter 108 n where n = 0 or 1

Default value = 0 (Enabled).

To disable the Time of day greetings, enter 108 1.

Length of entry = fixed 1 digit

If any value other than 0 or 1 is entered, the unit prompts the message "This entry is invalid".

Program # 208:

To listen to the currently programmed value -

You will hear: "Two Zero Eight (0.6 sec silence) Zero".

Program # 109:

Date announcement : Enable / Disable

The current Time announcement in the Wake up greeting of the EZ Time & Temp unit

may be programmed to give just the time or the time and date. The date announcement may be enabled or disabled under program control.

A typical wake up greeting would be, for example : "Good morning. This is your wake up call. Thank you for staying with us. The time now is Six Thirty AM, Sunday February 27. The temperature outside now is Forty Two Degrees Fahrenheit…"

If the date announcement is disabled, this greeting would be played back without the date announcement and would have only the time announcement.

Enter 109 n where n = 0 or 1

Default value = 0 (Enabled).

To disable the Date announcement, enter 109 1.

Length of entry = fixed 1 digit

If any value other than 0 or 1 is entered, the unit prompts the message "This entry is invalid".

Program # 209:

To listen to the currently programmed value -

You will hear: "Two Zero Nine (0.6 sec silence) Zero"

Program # 110:

Select Temperature unit

The Temperature announcement in the EZ Time & Temp unit may be made in terms of Degrees Fahrenheit or Centigrade.

Program the value as 0 for Fahrenheit and as 1 for Centigrade

Enter 110 n where n = 0 or 1

Default value = 0

Length of entry = fixed 1 digit

If any value other than 0 or 1 is entered, the unit prompts the message "This entry is invalid".

Program # 210:

To listen to the currently programmed value -

You will hear: "Two One Zero (0.6 sec silence) Zero"

Program # 300, 301-399:

Listen to default prompts

You may listen to all the voice messages - including all the default prompts and the main greeting - stored in the unit or any particular prompt of your choice.

The default prompt list is given at the end of this manual.

If any digits are entered while the messages are being played, the unit stops playing the messages and waits for the user to enter the rest of the digits of the next program number.

Enter 300 to listen to all the voice messages one after the other. Enter 301 to 399 to listen to a particular prompt. These programs will play back the individual messages that are

stored in the unit. For example, Program #323 will play back prompt #23.

Program # 399 plays back the main greeting.

Program # 400, 401-499: Record default prompts

(Through phone line, remote recording)

You may record any of the default prompts remotely using this program.

To record all Default prompts one after the other, use Program number 400. A silence of 3 seconds, the # tone and 0.6 sec of silence must be used to separate two consecutive messages.

Program # 500, 501-599 : Record All Greetings through PC

All the default prompts may be recorded by playing a voice file on the PC and fed into the unit through the Music / Audio input of the unit. Under this program, the unit goes on-hook after the program number is entered.

To record all Default prompts one after the other, use Program number 500. The unit goes on hook after the program number is entered. A silence of 3 seconds, the # tone and 0.6 sec of silence must be used to separate two consecutive messages.

Note:

The difference between Program numbers 400-499 and 500-599 is that in 400-499, the unit remains Off-hook and the prompts must be fed through the telephone line either by speaking into the phone directly or by using the special PC-to-phone adaptor when the prompt file is played on the PC and the unit is in a remote location.

In Program 500-599, the unit goes On-hook and the input is through the Music-In socket on the rear panel. Hence 500-599 may be used only when the unit is located physically close to the PC on which the prompt file is being played.

The 500-599 programs are expected to give a better quality recording of the prompts since the noise and bandwidth limitations of the Telephone line are not present as in the case of Program numbers 400-499.

Program # 999:

Store all default values in the non-volatile memory.

This program will take about 3 seconds to execute - any digits entered during this period will be ignored.

Hence, wait until the "Enter Program number" prompt is heard, before pressing any more digits.

Default prompts

1	Zero	34	Thirty three	67	Minus
2	One	35	Thirty four	68	AM
3	Two	36	Thirty five	69	PM
4	Three	37	Thirty six	70	Good Morning
5	Four	38	Thirty seven	71	Good Evening
6	Five	39	Thirty eight	72	Good Afternoon
7	Six	40	Thirty nine	73	Sunday
8	Seven	41	Forty	74	Monday
9	Eight	42	Forty one	75	Tuesday
10	Nine	43	Forty two	76	Wednesday
11	Ten	44	Forty three	77	Thursday
12	Eleven	45	Forty four	78	Friday
13	Twelve	46	Forty five	79	Saturday
14	Thirteen	47	Forty six	80	January
15	Fourteen	48	Forty seven	81	February
16	Fifteen	49	Forty eight	82	March
17	Sixteen	50	Forty nine	83	April
18	Seventeen	51	Fifty	84	May
19	Eighteen	52	Fifty one	85	June
20	Nineteen	53	Fifty two	86	July
21	Twenty	54	Fifty three	87	August
22	Twenty one	55	Fifty four	88	September
23	Twenty two	56	Fifty five	89	October
24	Twenty three	57	Fifty six	90	November
25	Twenty four	58	Fifty seven	91	December
26	Twenty five	59	Fifty eight	92	The time now is
27	Twenty six	60	Fifty nine	93	The temperature outside now is
28	Twenty seven	61	Sixty	94	Degrees Celsius
29	Twenty eight	62	Seventy	95	Degrees Fahrenheit
30	Twenty nine	63	Eighty	96	Oh
31	Thirty	64	Ninety	97	This entry is invalid
32	Thirty one	65	One hundred	98	Enter program number
33	Thirty two	66	Plus	99	Main greeting

A typical wake up announcement would be

<Time of day greeting><Main greeting><"The time now is"><time announcement><"The temperature outside now is"><temperature announcement>.

Good morning. This is your wake up call. Thank you for staying with us and enjoy your day. The time now is Six Thirty AM, Sunday May Twenty ninth. The temperature outside now is Forty Two Degrees Fahrenheit.

Note:

1. All prompts and greetings are recordable remotely under program control.

2. Any individual prompt may be recorded at any time independent of any other prompt. The recording of one prompt will not affect any other prompt recordings.

3. If the Wake up message is disabled (under Program #104), the Time of day prompt and the Main Greeting are not played back to the guest.

Specifications

Power Supply	Through Wall Adaptor 12 V AC; 0.6 W
Voice Storage	4 Minutes
Message Storage	Message stored in a non-volatile memory. Battery not required for retaining messages during power failures.
No. of recording cycles	100,000 cycles (typical)
Front panel indicators	Record, Play and Off Hook Lamps
Recording	Through RCA socket or Telephone line
Volume Control	Provided on the right side of the unit
Mounting	Desktop or Wall mount (6 1/8 inch spacing)
Frequency Response	40-3400 Hz
Sampling Rate	8.0 KHz Typical
Connection to PBX	Through RJ11 Jack. 2500 set analog port PBX
Temperature sensor	-40°C to +55°C (-40°F to +130°F)
Temperature sensor cable	50 feet length standard

WARRANTY

EZ TIME & TEMP

Warranty Summary:

EZ Advantage Corp. warrants this product to be free from manufacturing defects in material and workmanship under normal use and conditions for a period of one year from date of original purchase in the United States of America.

If the product proves defective for any reason due to manufacturing defect within the Warranty period, **EZ Advantage Corp.** will either repair the unit or replace it with a reconditioned unit, free of cost—provided the defective unit is sent to us for repairs.

The warranty does not cover replacement of parts damaged due to misuse, accident, improper operating voltages or any fault not attributable to manufacturing defect. The warranty shall also become void if an attempt is made to alter or repair the unit during the warranty period.

EXCEPT AS PROVIDED IN THIS SUMMARY OR THE APPLICABLE WARRANTY STATEMENT, EZ ADVANTAGE CORP. MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL **EZ ADVANTAGE CORP.** BE LIABLE FOR LOSS, DIRECT, INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR IN CONNECTION WITH THE USE OF THIS PRODUCT.

This warranty is valid only in the United States of America.

Shipping the unit for repairs/replacement during or after the warranty period:

Before shipping ensure that the product is packed in either the original shipping carton or in a well-padded, heavy duty corrugated box to prevent damage to the unit in transit. Enclose a copy of your sales invoice (proof of purchase) and ship the unit freight prepaid and insured for a replacement value.

STATUTORY INFORMATION

FCC Information:

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 the 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.

Caution:

The EZ Time & Temp unit should not be connected to or installed directly to a PSTN or any other Public, Government or Private Telecommunication Network which is in violation of any certification or Registration requirements of any State or Central Law or Act or is in contravention of any of the provisions of the FCC. All direct, indirect and consequential liabilities arising out of the failure to comply with the above instruction will be the sole responsibility of the user only and EZ Advantage Corp. will in no way be liable for any such claims or damages.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.