



TCL 100

User Guide



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FCC Compliance

The FCC requires that you will be advised of certain requirements involving the use of this telephone.

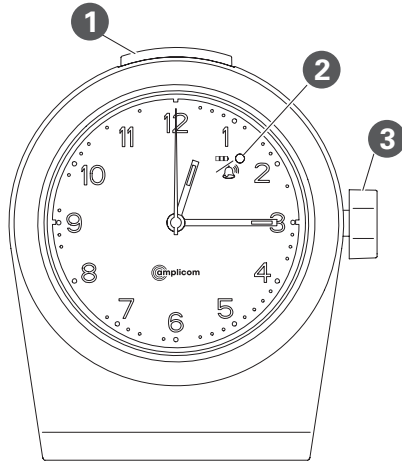
1. This equipment complies with Part 68 of the FCC rules. A label on the base unit of this equipment contains, among other information, the ACTA Registration Number (US:AAAEQ##TXXXX) and the Ringer Equivalence Number (REN) for this equipment. You must, upon request, provide this information to your telephone company.
 2. An applicable certification jacks Universal Service Order Codes (USOC) for the equipment is provided (i.e., RJ11C) in the packaging with each piece of approved terminal equipment.
 3. A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.
 4. The REN is useful to determine the quantity of devices you may connect to your telephone line and still have all of those devices ring when your number is called. In most, but not all areas, the sum of the REN of all devices should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should call your local telephone company to determine the maximum REN for your calling area.
- NOTICE: If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.
5. If your telephone causes harm to the telephone network, the telephone company may discontinue your service temporarily. If possible, they will notify you in advance. But if advance notice is not practical, you will be notified as soon as possible. You will be advised of your right to file a complaint with the FCC.
 6. Your telephone company may make changes to its facilities, equipment, operations or procedures that could affect the proper operation of your equipment. If they do, you will be given advance notice so as to give you an opportunity to maintain uninterrupted service.
 7. If you experience trouble with the telephone, please contact the Amplicom Service Center at 1-866-AMPLICOM (267-5426) for repair/warranty information. The telephone company may ask you to disconnect this equipment from the network until the problem have been corrected or you are sure that the equipment is not malfunctioning.
 8. This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs. (Contact your state public utility commission or corporation commission for information.)

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. Changes or modification not expressly approved in writing by Amplicom may void the user's authority to operate this equipment.

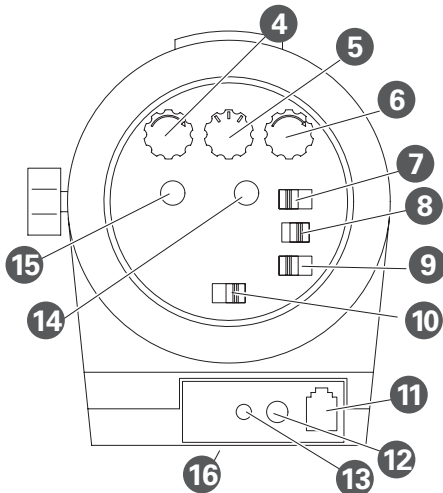
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate 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 connected.
- Consult the dealer or an experienced radio/TV technician for help.

TCL 100 Analog Alarm Clock Features

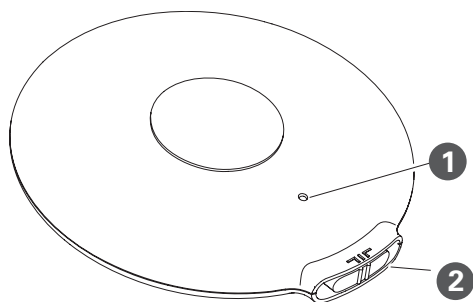


- 1** Snooze button/
Alarm light/
incoming call
light/Stop alarm
- 2** LED: Power ON/
OFF/Battery
ON/OFF
- 3** Alarm ON/OFF



- 4** Volume control
- 5** Set one of 5
acoustic signals
- 6** Pitch
- 7** Vibration and
Acoustics
- 8** Flashing lamp
ON/OFF
- 9** Snooze delay
- 10** Clock
illumination
- 11** Telephone line
socket
- 12** Power adapter
socket
- 13** Vibration pad
socket
- 14** Set alarm time
- 15** Set time
- 16** Battery
compartment
(on underside)

TCL100 Cordless Vibration Pad Features



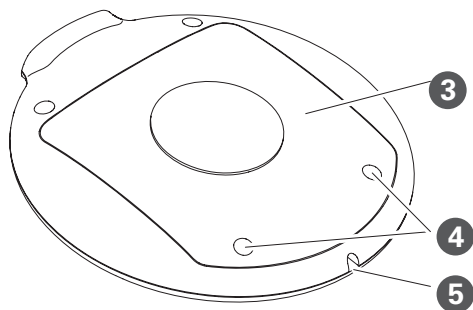
1 LED: Alarm ON/
OFF/Battery
charge low

2 Vibration pad
ON/OFF

3 Battery
compartment

4 Screws
for battery
compartment

5 Connection
cable socket



Important Safety Instructions

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
2. Avoid using a Telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
3. Do not use the Telephone to report a gas leak in the vicinity of the leak.
4. Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.

Save These Instructions

Intended use

This alarm clock is designed to provide an acoustic alarm or alert signal at a set time or on receipt of a telephone call. Any other use is considered unintended use. Unauthorized modification or reconstruction is not permitted. **Do not** open the device and attempt any repair work yourself.

Installation location

Prevent excessive exposure to smoke, dust, vibration, chemicals, moisture, heat and direct sunlight.

Heart pacemaker

Always maintain a distance of at least 6 inches to implanted heart pacemakers to prevent any possible interference.

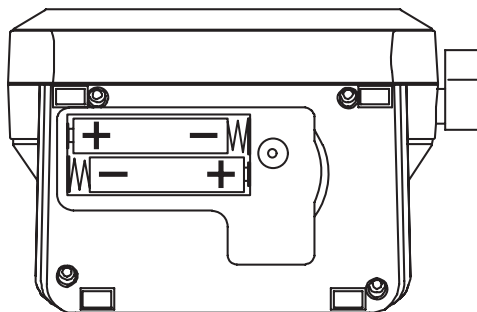
Getting Started — Included Equipment

- 1 Analog Alarm Clock
- 1 Power Adapter
- 1 Vibration Pad
- 1 Connector Cable for Vibration Pad
- 2XAAA, 500mA Ni-MH Rechargeable Battery for Alarm Clock
- 3XAAA, 800mA Ni-MH Rechargeable Battery Pack for Vibration Pad
- Telephone Cord
- Operating Instructions
- Battery Compartment Cover

Set up

1. Connecting the alarm clock

- Insert the supplied batteries in the clock's battery compartment.

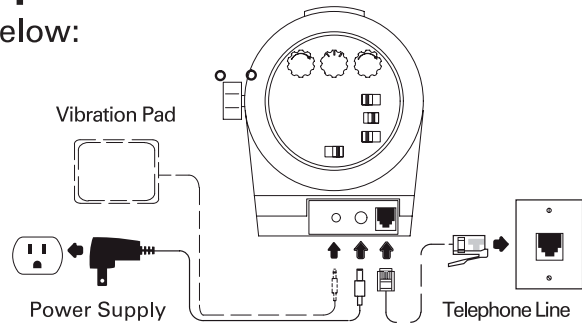


Important: Pay attention to correct polarity when inserting the batteries.

- ii. Replace the battery compartment cover on the underside of the alarm clock.
- iii. Screw the battery compartment cover to the alarm clock housing.

2. Connect vibration pad and phone cord

Connect the equipment as illustrated below:



Important: To connect the alarm clock to a telephone connection for use as a signal amplifier, you may need an appropriate adapter.

Important: Only use the rechargeable battery model name GPHC083N03 for the vibrator, and GP 50AAAHC for clock, supplied by GPI INTERNATIONAL LIMITED the telephone cord provided.

Important: Use only Power supply model S008CU1200067 supplied by Ten Pao Industrial Co., Ltd. for Base unit.

CAUTION: Risk of explosion if battery is replaced by an Incorrect type.
Dispose of used batteries according to the instructions.

Your TCL 100 is now ready for use!

LED Display Notification

Alarm Clock Face

The following functions are on the alarm clock face:

Red: Alarm function is activated.

Flashing Orange: Alarm function is activated, and battery charge is low.

Vibration Pad

The following functions are on the vibration pad:

Flashing Green Every 2 Seconds: Vibration pad is on.

Red: Vibration pad is charging.

Flashing Red: Battery charge is low.

Clock Functions

Setting the clock



Turn the set time rotary knob until the clock shows the correct time.

Setting the alarm



Turn the alarm time rotary knob until the clock shows the correct time for the alarm to trigger.

Turning the alarm on/off



Turn the alarm on/off rotary knob clockwise for On. Counterclockwise for Off.

Setting the volume

Caution: The volume/acoustic signal/pitch can only be modified if the alarm is on. If the alarm is off, those settings cannot be adjusted.

Caution: The alarm and telephone ringer begin sounding at a low volume. The volume will then increase to the set maximum until the alarm is turned off or the telephone is answered.



Turn the volume rotary knob to set the maximum volume for the alarm and telephone ringer. Set the volume to a quiet setting to start and increase it slowly to the desired maximum volume.

Caution: Exposure to the alarm at full volume for a long period could cause ear damage.

Selecting the acoustic signal



Turn the acoustic signal rotary knob to required acoustic signal.

Setting the pitch



Turn the pitch rotary knob to set the pitch. It may be possible to detect higher or lower pitch tones even at low volumes.

Setting the clock face illumination



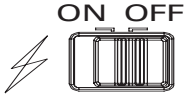
Slide the illumination switch to set clock face illumination. The following settings are available: (From left to right) bright, medium or off.

Selecting the alarm mode



Slide the alarm mode switch to set the type of alarm. There are three settings available: (from left to right) vibration only, acoustic signal only or acoustic signal and vibration.

Setting the flashing light



Slide the switch to set the light in the snooze button to flash during an alarm. There are two settings available: (from left to right) On and Off.

Setting the snooze delay



Slide the snooze delay switch to set the snooze delay. There are three settings available: (from left to right) 0 min, 5 min, or 15 min.

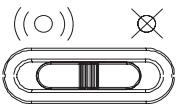
Activating the snooze delay

Important: if the Snooze button is pressed when the light is switched off, the clock face will illuminate for 30 seconds to allow the user to see the time. After 30 seconds the illumination will go out.



Press the snooze button to stop the alarm for a specified time before it resumes. To activate the snooze function, see “Setting the snooze delay”.

Activating the vibration pad



After connecting the vibration pad, use the switch on the vibration pad to turn the vibration function on and off. There are two settings available: (from left to right) On and Off.

Help and support

If you have problems with your device, please refer to the following information before calling for support. If you continue to have problems, please call the Service Center at 1-866-AMPLICOM (267-5426) for further assistance.

Troubleshooting guide

My clock does not work

1. The battery charge may be too low or no batteries have been inserted.
2. The clock may not be plugged in.

My vibration pad does not work

1. The battery charge may be too low or the battery is defective (additional Battery packs are available from Amplicom).
2. The vibration pad may not be switched on.
3. The vibration pad is too far away from the alarm clock.

The alarm does not go off

The alarm function is not switched on; turn the knob to “On”.

Maintenance and Warranty

Maintenance

- Please clean your equipment's surfaces with a soft, lint-free cloth.
- Never use cleaning agents or solvents.

Warranty

AMPLICOM equipment is produced and tested according to the latest production methods. The implementation of carefully chosen materials and highly developed technologies ensure trouble free functioning and a long service life. The terms of the warranty do not apply where the cause of the equipment malfunction is the fault of the telephone network operator or any interposed private branch extension system. The terms of the warranty do not apply to the rechargeable battery pack or power packs used in the products. The period of warranty is 24 months from the date of purchase.

All deficiencies resulting from material of production faults which occur during the period of warranty will be eliminated free of charge. Rights to claims under the terms of warranty are annulled following intervention by the purchaser or third parties. Damage caused as a result of improper handling or operation, incorrect positioning or storing, improper connection or installation, Acts of God or other external influence are not covered by the terms of warranty.

In the case of complaints, we reserve the right to repair or replace defect parts or provide a replacement device. Replacement parts or devices become our property.

Rights to compensation in the case of damage are excluded where there is no evidence of intent or gross negligence by the manufacturer.

Maintenance and warranty

If your equipment shows signs of defect during the period of warranty, please return to the sales outlet in which you purchased the AMPLICOM equipment together with the purchase receipt. All rights to claims under the terms of warranty in accordance with this agreement must be asserted exclusively with regard to your sales outlet.

Two years after the purchase of our products, claims under the terms of warranty can no longer be asserted.

Declaration of conformity

The ETL Listed Mark is an alternative to the CSA and UL marks. ETL Testing Laboratories owned by Intertek Testing Services (ITS) is recognized by OSHA as a Nationally Recognized Testing Laboratory (NRTL). ITS tests products according to nearly 200 safety and performance standards. The ETL Listed Mark is accepted throughout the United States when denoting compliance with nationally recognized standards such as ANSI, IEC, UL, and CSA.



This certification mark indicates that the product has been tested to and has met the minimum requirements of a widely recognized (consensus) U.S. product safety standard, that the manufacturing site has been audited, and that the applicant has agreed to a program of periodic factory follow-up inspections to verify continued conformance.

Technical details

Alarm Clock

Frequency

433 MHz

Power supply

Input: 100-240 VAC, 50/60Hz

Output: 12VDC, 670mA

Telephone plug

BS 6312

Batteries

2 x AAA 1.2 V, 500 mAh, NiMH

Initial charging time

Up to 16 hrs

Optimum ambient temperature

32°F to 104°F (0°C to 40°C)

Optimum storage temperature

-4°F to 140°F (-20°C to 60°C)

Transmission power

10 dBm

Dimensions L / W / H

5.2 x 5.8 x 3.3 in (132 x 146 x 84.6 mm)

Weight

12.3 - 13.4 oz (350 - 380 g)

Vibration pad

Range

Approx. 328 ft (clear space)

Batteries

3 x AAA 3.6 V, 800 mAh, NiMH

Initial charging time

Up to 16 hrs

Optimum ambient temperature

32°F to 104°F (0°C to 40°C)

Optimum storage temperature

-4°F to 140°F (-20°C to 60°C)

Dimensions W / H

4.5 x 1.4 in (113.3 x 36.6 mm)

Weight

6.3 - 7 oz (180 - 200 g)

Questions? ¿Dudas?

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www.amplicomusa.com



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