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**Digital wristwatch**  
**«TECHNOCHAS»**  
**(electronic module 77A)**

ГОСТ 23350-98  
ТУ BY 190245707.002-2006

### User manual



*The external look of the watch may differ from the image above.*

### Watch functions

- Time in 12- or 24-hour modes (hours, minutes, seconds).
- Calendar (date, month, weekday), weekday is shown in the main mode.
- Melody alarm.
- Stopwatch (discreteness is 0.01 sec. up to 30 minutes, 1 sec. – up to 24 hours) with capture of one intermediate result.
- Display backlight (push K4 to turn on).

### Technical characteristics

- Daily precision deviation at temperature (23±2)°C is not more than ±0.5 sec/day (precision can be ).
- Battery life is not less than 1.5 years.
- Operating temperatures from 1 to 45°C.
- Battery type: AG3.
- Lifetime is at least 5 years.

### Package contents

Watch with battery, user manual, package – 1 piece each.

### Common instructions

We recommend you to read this manual before using the watch.

To avoid premature failure, the watch should not be exposed to water, mechanical stress (shock, vibration, etc.), corrosive media (acids, alkalis, etc.), and should not operate at temperatures outside the operating range (1-45°C).

For extension of battery lifetime, we suggest to use display backlight not more than 3 sec. a day and to use alarm not more than one time a day.

### Operation modes

Your watch has the following operation modes:

- Main mode (display current time and date).
- Stopwatch mode.
- Alarm setup mode.
- Time and date setup mode.

To see current date push K1 in main mode. On fig.1 below is displayed date “23th of July”. To see current alarm date push K2 in main mode.

To change operation mode press K3 (see fig.1).

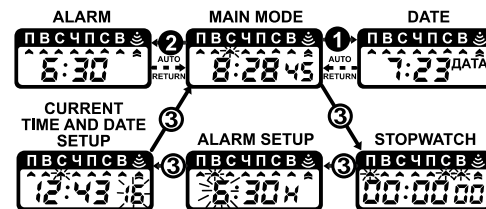


Fig.1

### Time and date setup

To setup current time and date you should enter in corresponding mode by pushing K3 in main mode for 3 times, see fig.1. Seconds' value starts blinking. Choose parameter to correct by pushing K2. They will change in the following order (see fig.2):

- Seconds;
- Minutes;
- Hours;
- Date;
- Month (its number);
- Weekday.

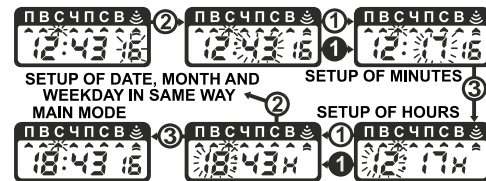


Fig.2

Push K1 to setup the selected parameter. For fast setup, press K1 and hold it.

When you are setting up seconds, push K1 just at the beginning of new minute. If seconds value was in range from 0 to 29 it will be set to 00, in range from 30 to 59 it will be set to 00 and minutes value will be increased by 1.

When you are setting up hours, you can select one of following modes to display the time:

- 24-hour («H» on the display).
- 12-hour («A» on the display for time until noon, «P» for time after noon).

The time display mode will change when you set up value below 0 or above 23 (or 11 p.m.).

To return to main mode, push K3.

### Alarm setup

To setup alarm you should enter in corresponding mode by pushing K3 in main mode for 2 times, see fig.1. Alarm time is setting up in same way as current time. Alarm time is setting in the same time mode as selected for current time (12- or 24-hour).

To turn on (turn off) the alarm, push K1 and K2 together in main mode. At this moment arrow below the alarm sign will appear (or disappear) and alarm melody will start playing. It will change at every pushing of K1 and K2 (there is 7 different melodies and single-tone signal). Alarm will use the melody that was played the last time.

When the alarm rings, push K2 to turn it off. Pushing on K1 will turn it off too, but it will ring again in approximately 5 minutes.

### Stopwatch usagemom

Press K3 in main made to enter in stopwatch mode (see fig.1).

To start stopwatch, push K1. To stop the count, push K1 again. To continue it again, push K1 next time. To reset the stopwatch (set it to 00:00.00) push K2. See fig.3 below.



Fig.3

After 30 minutes, stopwatch will display time in hours, minutes and seconds.

### Battery replacement

Battery in the watch should be replaced in cases of poor contrast of display, absence of information on display, vanishing of information then backlight is working, or your watch becomes too slow.

For battery replacement, you should open watch's caseback, extract old battery, install new one according to its polarity («+» of battery should be outside), snap the caseback. If after battery replacement watch doesn't response on pushing buttons K1, K2, please extract the battery and install it again after 5 seconds.

We advise you to change battery in specialized service center to avoid damage of your watch in general and its moisture resistance in particular.

### Warranty

Warranty period is 1 year from the sale date. The warranty period is extended for the period when watch is repaired. Warranty repair does not accept the watch:

- Without a factory passport
  - Without a stamp of the shop and the date of sale in the passport, or a cash voucher about the fact of their acquisition.
  - With aftermath of mechanical damages (potholes and deep scratches on the case, cracks on the glass and the indicator), traces of water and other evidences of operating conditions violation.
- Repairing of the watch during the warranty period is provided in the manufacturer's warranty workshop or authorized service center in your country.

### Translation of Russian inscriptions

In Russian version of the watch you can find the following inscriptions:

Weekdays:

- "П" or "ПН" – Monday
- "В" or "ВТ" – Tuesday
- "С" or "СР" – Wednesday
- "Ч" or "ЧТ" – Thursday
- "П" or "ПТ" – Friday
- "С" or "СБ" – Saturday
- "В" or "ВС" – Sunday

Other:

- "СДЕЛАНО В БЕЛАРУСИ" – Made in Belarus
- "ЧИСЛО" or "ДАТА" – Date.

### Manufacturer quality control information

Date of issue:

QC stamp:

### Sale information

Date of sale:

Seller's signature:

Shop stamp: