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**Digital wristwatch
 «TECHNOCHAS»
 (electronic module 52)**

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 24-hour mode (hours, minutes, seconds).
- Calendar (date, month)
- Hourly signal.
- Alarm with a melodic signal.
- Digital precision adjustment.
- Display backlight (press K4 for turn on).

Technical characteristics

- Daily precision deviation at temperature (23±2)°C is not more than ±0.5 sec/day (with daily deviation correction from 0 to ±6.35 seconds set up by the user in digital adjustment mode, see below).
- 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).

Operation modes

The watch has the following operation modes:

- Indication of current time and date (main mode);
- Alarm mode;
- Setup of current date and time;
- Setup of digital precision adjustment (DPA).

Режимы работы


Часы имеют следующие режимы работы:

- индикация текущего времени и календаря (основной режим);
- режим будильника;
- режим установки времени и ЦНХ.

Main mode

In main mode, watch indicates hours, minutes and seconds of current time and today's date.

Push K1 in this mode to switch the hourly signal.

The watch displays «» sign when it is turned on.


Current time and date setup


Press K2 in main mode to enter into setup mode. Seconds will start blinking. Select the parameter you want to set up by pushing K2. Parameters are changed in the following sequence: *seconds* → *minutes* → *hours* → *month number* → *date*.

Selected parameter is blinking. Push K1 to increase it. For faster setup, hold K1 at pushed state – parameter's value will change quickly.

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.

Alarm setup

Press K3 in main mode to enter into alarm setup mode. The watch will display the «» sign. Push K2 to start the setup process. Minutes will start blinking. Push K2 one more time to set up the hours. The required values are entered by pushing K1, in the same way as current time values.

To turn on and off the alarm, push K1 in alarm setup mode. When it is turned on, the watch displays sign «».

Push K1 and K3 the same time in alarm setup mode to change the alarm melody. New melody will play each time. The watch has 5 melodies and a single-tone signal.

Alarm will use the melody, which played the last. To stop the alarm, push K1.

Digital precision adjustment

If you have noted that your watch is fast or slow, you can set up digital precision adjustment (DPA).

For example, you have set up the precious time at 21:00:00. After 10 days at same time your watch shows 21:00:07. To calculate correction value you should divide time difference by number of passed days:

$$(21:00:07 - 21:00:00) / 10 = 0.7 \text{ (seconds/day)}$$

To set up DPA, push K2 and hold it at least within 3 seconds. The watch will display the sign

“**↑↓**” and a current DPA value (0.0 after reset). Add (if watch is lagging) or subtract (if watch is in hurry) the calculated correction value. For example, watch already has DPA value 0.5. You watch (see example above) is fast for 0.7 seconds a day, so:

$$0.5 - 0.7 = -0.2$$

Set up this value by pushing K1. The value is changed with 0.1 second step, firstly increasing up to «6.3», then decreasing from «0.0» to «-6.3».

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. . Push K1 and K2 at the same time to reset the watch. If the watch does not response on reset after battery replacement, 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:

- “СДЕЛАНО В БЕЛАРУСИ” – Made in Belarus
- “ЧИСЛО” or “ДАТА” – Date
- “СИГНАЛ” – Alarm
- “ВКЛ.” – Turned on
- “ЧАС” – Hour
- “СВЕТ” – Light
- “РЕЖИМ” – Mode
- “УСТАНОВКА” – Setup
- “ВЫБОР” – Select
- “ЦНХ” – Digital precision adjustment

Manufacturer quality control information

Date of issue:

QC stamp:

Sale information

Date of sale:

Seller's signature:

Shop stamp: