

Philos 4672

DGT DGT2010 Digital Chess Clock User Manual

Model: 4672

1. INTRODUCTION AND OVERVIEW

The DGT2010 Digital Chess Clock is an advanced timing device designed for various board games, with a particular emphasis on chess. Introduced in 2007, it gained official FIDE Chess Watch status in June 2008, confirming its compliance with all FIDE rules and regulations. This clock is versatile, supporting numerous game types, including Japanese and Canadian Byo-yomi configurations for Go or Baduk. Updates in November 2010 ensured its compatibility with popular timing systems, making it a reliable choice for both casual and competitive play.

This manual provides comprehensive instructions for setting up, operating, and maintaining your DGT2010 clock, ensuring optimal performance and longevity.

2. KEY FEATURES

- **Mixed Time Controls:** Ability to combine different time controls within a single game, such as starting with a normal countdown followed by a "Fischer" or "Bronstein Delay" period.
- **Upcount Timing:** Features an extra upcount timing method, making it suitable for a wide range of board games beyond chess.
- **Sensor Board Connectivity:** Designed to connect seamlessly with the DGT Electronics Sensor Board for enhanced gameplay and analysis.
- **Tournament Ready:** Ideal for use in US Chess Federation and FIDE Rated Tournaments, meeting official standards.
- **Multiple Timing Systems:** Supports 36 pre-programmed timing methods, including various FIDE, Fischer, Bronstein, and Byo-yomi settings.

3. SETUP

3.1. Battery Installation

The DGT2010 clock requires two (2) AA batteries for operation. These batteries are included with your purchase.

1. Locate the battery compartment on the underside of the clock.
2. Open the battery compartment cover.
3. Insert two AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.

3.2. Powering On/Off

To turn the clock **ON**, press the **ON/OFF** button located on the underside of the clock. To turn the clock **OFF**, press the same button again.

3.3. Initial Setup and Reset

Upon first use or after battery replacement, the clock may require initial setup. The clock typically defaults to a standard setting. To start a new game or reset the clock to its default state, press the **Start new game** button (often integrated with the ON/OFF button or a dedicated button on the underside).



Figure 1: Front view of the DGT DGT2010 Digital Chess Clock. The display shows time for two players, and the blue buttons are visible at the bottom.

4. OPERATING INSTRUCTIONS

The DGT2010 clock features several buttons on its underside for configuration and control. Familiarize yourself with these controls for effective use.



Figure 2: Underside view of the DGT DGT2010 Digital Chess Clock, detailing button functions and timing method options.

4.1. Button Functions

Button Symbol	Function	Description
d	Decrease value	Used to decrease numerical values during setting adjustments.
#	Increase value / Show move number	Used to increase numerical values during setting adjustments. Also displays the current move number during a game.
Run/Pause Clock	Run/Pause Clock / Time correction (hold)	Toggles the clock between running and paused states. Holding this button allows for time correction.
Activate option / Accept digit	Activate option / Accept digit (during game, check active option)	Confirms a selected option or digit during setup. During a game, it can be used to check the active option.
ON/OFF	Switch clock on and off	Powers the clock on or off.
Start new game	Start new game	Resets the clock and begins a new game with the currently selected timing method.

4.2. Selecting Timing Methods

The DGT2010 offers 36 pre-programmed timing methods. These are listed on the underside of the clock (refer to Figure 2). To select a method:

1. Ensure the clock is ON.
2. Use the **d** and **#** buttons to cycle through the timing method numbers (01-36) displayed on the screen.

3. Once the desired method number is displayed, press the **Activate option / Accept digit** button to confirm your selection.
4. Some methods may require further input for time settings. Use the **d** and **#** buttons to adjust values and the **Activate option / Accept digit** button to confirm each digit/setting.
5. After setting the time, press **Start new game** to begin.

4.3. Overview of Timing Methods

The DGT2010 supports a wide array of timing methods, including:

- **Time Blitz:** Rapid play with fixed time.
- **Time Guillotine:** Time control where a player loses if they run out of time.
- **Time Bonus (Fischer):** Adds a small amount of time per move.
- **Time Delay (Bronstein):** Delays the start of the clock for a set period each move.
- **Bonus Tournament:** Various tournament settings with bonus time.
- **Go with Byo-yomi:** Specific timing for the game of Go, including Japanese and Canadian Byo-yomi.
- **Hour Glass:** Time decreases on one side and increases on the other.
- **Gong:** A simple timer that sounds a gong at the end of the set time.
- **Scrabble™:** Specific timing for Scrabble games.
- And many more variations of the above, including 2x Time, Rapid, Slow, and different time increments.

Refer to the detailed list on the back of your clock for specific method numbers and their corresponding time settings.

5. MAINTENANCE

5.1. Cleaning

To clean your DGT2010 clock, use a soft, dry, or slightly damp cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the clock's finish and electronic components.

5.2. Battery Replacement

When the display becomes dim or the clock behaves erratically, it's time to replace the batteries. Follow the battery installation steps outlined in Section 3.1. Always use fresh AA batteries and dispose of old batteries responsibly according to local regulations.

5.3. Storage

Store the clock in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period (several months or more), it is recommended to remove the batteries to prevent leakage and potential damage to the clock.

6. TROUBLESHOOTING

- **Clock does not turn on:**
 - Check if batteries are inserted correctly with the right polarity.
 - Replace with fresh batteries.
 - Ensure the ON/OFF switch is fully engaged.

- **Display is dim or flickering:**
 - Batteries are low. Replace them.
- **Clock not responding to button presses:**
 - Ensure the clock is not in a paused state.
 - Try turning the clock off and on again to perform a soft reset.
 - If issues persist, remove batteries for a few minutes, then reinsert them.
- **Incorrect time display or timing issues:**
 - Verify that the correct timing method has been selected and configured.
 - Perform a full reset by removing and reinserting batteries, then re-select your desired timing method.
 - Ensure no buttons are stuck or partially pressed.

If you encounter persistent issues not covered here, please refer to the support information in Section 8.

7. SPECIFICATIONS

Attribute	Detail
Model Number	4672
Brand	Philos (Manufacturer: DGT)
Color	Multicoloured
Material	Plastic
Product Dimensions (D x W x H)	2.36"D x 7.87"W x 4.33"H
Item Weight	0.4 Kilograms (14.1 ounces)
Screen Size	7.87 Inches
Number of Settings	36 pre-programmed timing methods
Batteries	2 AA batteries (included)
UPC	878904006363
ASIN	B0033Q44FA

8. WARRANTY AND SUPPORT

For specific warranty information, please refer to the documentation included with your purchase or contact the manufacturer directly. DGT products are known for their quality and durability.

For technical support, troubleshooting assistance beyond this manual, or inquiries about replacement parts, please visit the official DGT website or contact their customer service department. You may find additional resources and FAQs online.

Note: This product is not suitable for children under 3 years.

