FINEFUTURE

The future will be a better tomorrow!

MusicTurner™
User Guide

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NOTE

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Notes and Cautions

	NOTE: A NOTE indicates important information that helps you make better use of your **MusicTurner™**.
	CAUTION: **A CAUTION indicates a potential damage to Music Turner and tells you how to avoid the problem.**

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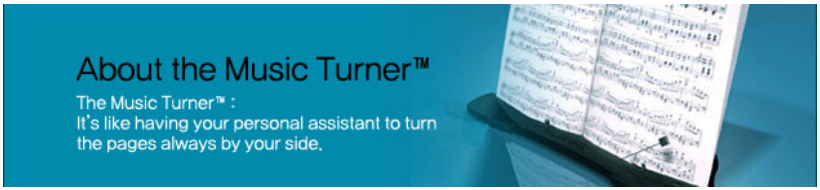
WELCOME



Thank you for purchasing the **MusicTurner™**. **MusicTurner™** is an automatic page-turning device for music books or sheet music. It is a highly powerful and convenient device that will change the way you play music instruments forever.

The **MusicTurner™** has a patented design that solves the problem of having to stop or rush to turn the pages of sheet music while playing an instrument. By allowing you to play your instrument without interruption, the **MusicTurner™** enhances the overall performance and enjoyment.

Because most musical instruments require both hands to play, the perceived convenience of a mechanical device that could turn the pages of sheet music automatically has been around since the Renaissance. Even Leonardo DaVinci reportedly tried to come up with a design but to no avail. Many have tried since to come up with a practical solution, but often it was too large, too cumbersome, too noisy, or all of the above.

The **MusicTurner™** is the first product to address and solve all of these problems. The **MusicTurner™** is compact, portable, reliable and easy to use.
Open up the **MusicTurner™** and set up your sheet music. Then as you play your instrument, step on the foot pedal to turn the page. It's really that simple. Now you need only to concentrate on playing.

1. FEATURES

- **Ease of Use & One-touch Operation**: Simply open up the **MusicTurner™** and set up the bound sheet music on it. Then turn the power on and start playing your instrument. Just press the Foot Pedal switch whenever you want to turn a page.
- **Reliability**: Turns one page at a time accurately. Also, holding the opened book firmly, the **MusicTurner™** keeps pages from turning back.
- **Convenience**: Set up once and you are good to go until last page.
- **Portability**: Being small, light and battery-operated, it's easy to carry anywhere.
- **Wireless Remote Control**: The wireless Foot Pedal is used to turn the pages. It also allows a second person to operate the device from up to 5m (15 ft) away.
- **Magnetic Attachment**: Equipped with two magnets at the back panel side, the **MusicTurner™** will attach to a metal music stand firmly and won't fall down easily.
- **Versatility**: The **MusicTurner™** fits any music stands or keyboard instruments and accommodates most classical music book sizes.

Additional information on **MusicTurner™** is available at http://www.finefuture.com.

1. MusicTurner™ Basics

1. PACKAGE CONTENTS

In this package, you will find the following items:

①. **MusicTurner™** Main Body

②. Wireless Foot Pedal (Containing two 3V button type batteries)

③. Up-right Piano Adapter

④. 4 AA batteries

⑤. This User Guide

If any of these items are missing, please contact the dealer where you purchased the product.

2. PARTS & LOCATIONS

Front View

①. Cover

②. Cover Rubber Knob

③. **MusicTurner™** Body

④. Power Switch

⑤. Page-Turning Arm

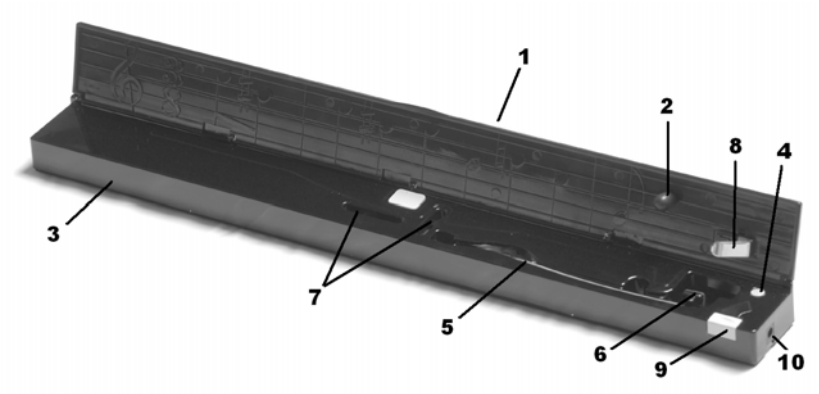
⑥. Page-Turning Arm Rubber

⑦. Book Pressers

⑧. Book Edge Holder

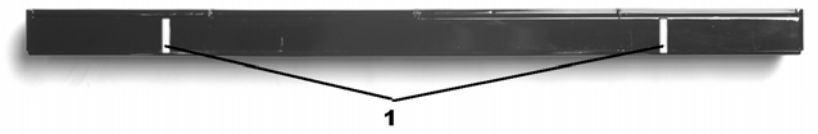
⑨. Page-Turn Button

⑩. External DC 6V Supply Jack



Back View

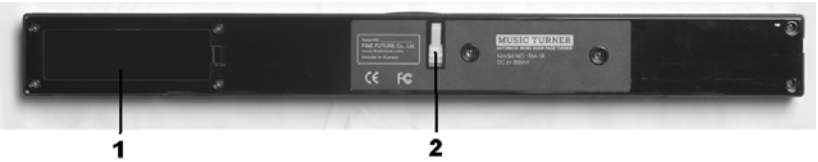
①. Magnets



Bottom View

①. Battery Cover

②. Angle Recliner

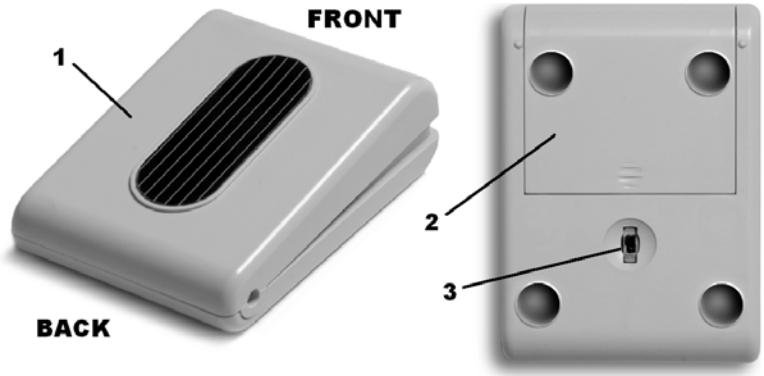


Foot Pedal

①. Page-Turn Switch

②. Battery Cover

③. Power On/Off Switch



3. OPTIONAL ACCESSORIES

1. AC Adaptor

You may use any standard AC adaptor that coverts standard AC power in your country to 6V DC power:

- Input Voltage: 100V-240V
- Output Voltage: 6V

You can purchase the AC adapter from any electronics shop.

⚠ CAUTION: **Please make sure to use an AC adapter with output of 6V only. Otherwise, it may cause damages to the MusicTurner™.**

2. Rechargeable Batteries

Although the **MusicTurner™** is designed to work with 4 regular 1.5V AA alkaline batteries, you may use rechargeable batteries instead. However, because the rechargeable batteries use 1.2V instead of 1.5V, the page-turning speed may slow down a little if you use the rechargeable batteries.

3. Case/Carrying Bag

FineFuture supplies optional carrying bags for your convenience. For more details, please contact your **MusicTurner™** dealer or check our Website at http://www.finefuture.com.

4. SUPPORTED BOOK SIZES

The size of books (when closed) supported by **MusicTurner™** is the following:

	MINIMUM	MAXIMUM
HEIGHT	20 cm (7.9”)	35 cm (14”)
WIDTH	21 cm (8.3”)	24 cm (9.5”)
THICKNESS	3 mm (0.1”)	1.3 cm (0.5”)

Note: The **MusicTurner™** is intended for use with a bound classic sheet music. Becaue of differences in sizes, regular books cannot be used on the **MusicTurner™**.

Note: While the **MusicTurner™** works with most sheet music in use, some exceptions may occur due to unforeseen factors. We therefore recommend that you try using the **MusicTurner™** with the actual sheet music before an actual performance.

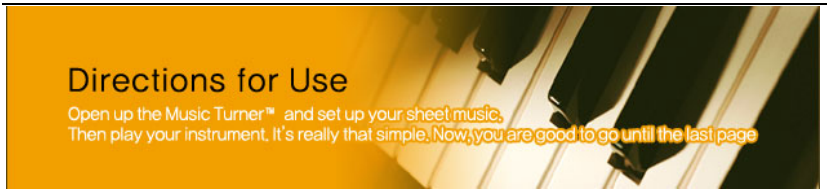
5. PRODUCT SPECIFICATION

Model Name		**MusicTurner™** FM-1R
Dimensions (Approximate)	MuscTurner Main Body	30 (H) x 500 (W) × 50 (D) mm (1.2”H x 20”W x 2”D)
	Foot Pedal	80 (L) x 57 (W) x 17~28 (D) mm (3.15”L x 2.24”W x 0.67”~1.1”D)
Weight (Approximate)	MuscTurner	450 g (16 oz) (without batteries)
	Foot Pedal	60 g (2.1 oz) (including batteries)
Power Supply	MuscTurner	DC 6V (4 AA 1.5V alkaline batteries) Optional: 6V AC Adapter
	Foot Pedal	DC 6V (2 button type 3V lithium batteries (CR2032))
Power Consumption	Operating Mode	Up to 250mA
	Standing-by Mode	50mA
Page Turning Speed		Approximately 1 page / 1.5 second
Maximum Wireless signal (RF) Operating Distance		Approximately 5 m (16’)
Radio Frequency		433MHz
Operating Temperature / Humidity		15°C ~ 32°C (59°F ~ 90°F) / 15% ~ 85%
Storage Temperature Range		-30°C ~ 60°C (-22°F ~ 140°F)
Battery Life		Approximately 500 pages (when using the alkaline batteries)
Turning Arm Rubber Life		100,000 page-turns

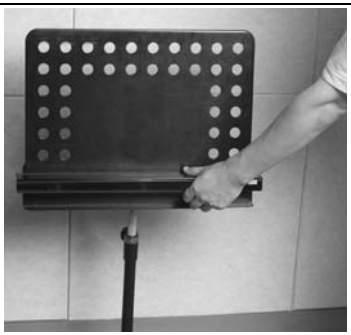
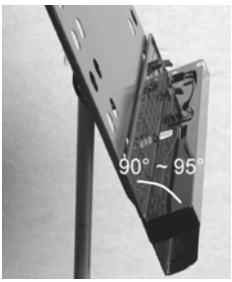
This product is designed to minimize the effects on the environment and does not generate the ozone gas (O_3.)

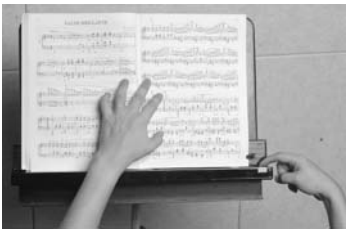
2. Using MusicTurner™

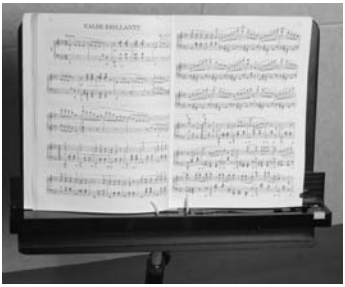
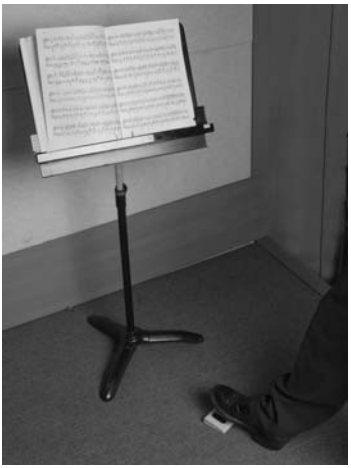
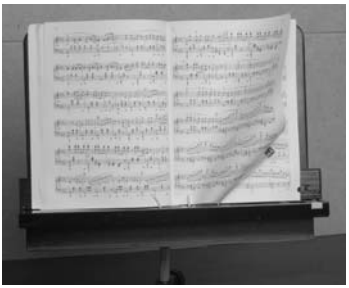
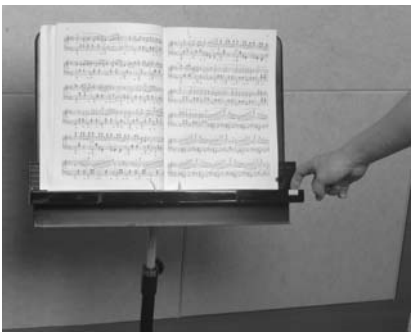
1. Operating Instruction

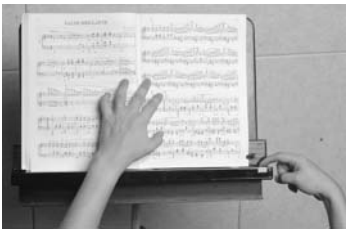


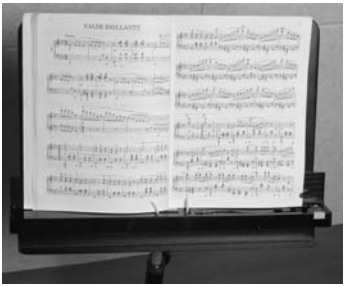
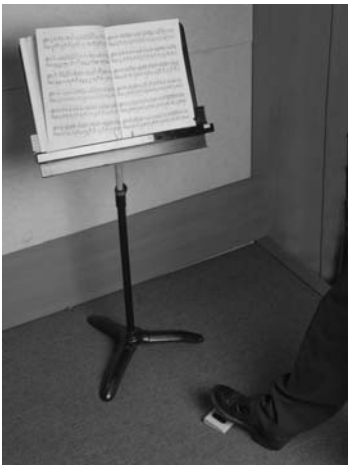
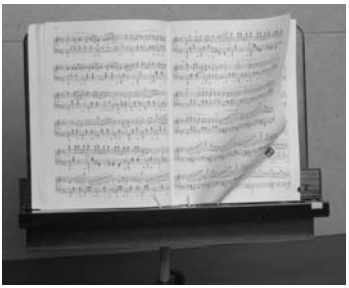
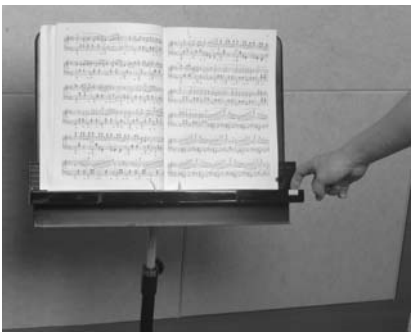
Please read the operating instructions carefully before first use.

1		Place the **MusicTurner™** on the music stand. The top cover of the **MusicTurner™** should face upwards. **Note:** If you are placing the **MusicTurner™** on a **upright piano**, refer to **Using Upright Piano Adaptor**; if using a **grand piano** or **digital keyboard**, refer to **Using Angle Recliner**..
2		Open the **MusicTurner™** cover. **Note:** When the cover is opened, the angle between the cover and **MusicTurner™** main body should be between 90° and 95°. Otherwise, the pages may not be turned properly. 

3		Open the music book and turn to the desired page.
4		Put the book on the **MusicTurner™** and insert the right corner of the music book into the BOOK EDGE HOLDER as shown in the picture.
	Note: Sometimes a brand new volume of sheet music may require a little of “breaking-in” so that pages may turn more easily. For more information, please refer to **Using New Books** **Note:** If there is no book placed on the **MusicTurner™**, the power will not turn on. This is to reduce unnecessary wear and tear.	
5		While pressing the both left and right sides of the opened book lightly with your left hand, press the POWER button to turn on the power.

6		The BOOK PRESSERS will pop up to press and hold the book firmly and prevent the pages from being turned back.
7		Put the wireless FOOT PEDAL (remote control) on the floor by one of your feet. Now you are ready to use the **MusicTurner™**.
8	 	Press or Step on the FOOT PEDAL switch once to turn the page whenever you want. (Make sure that the Power switch on the back of FOOT PEDAL is set to ON position.) The page will be turned automatically. Alternatively, you may turn the page by pressing the PAGE-TURN button with your finger on the **MusicTurner™**. 

3		Open the music book and turn to the desired page.
4		Put the book on the **MusicTurner™** and insert the right corner of the music book into the BOOK EDGE HOLDER as shown in the picture.
	Note: Sometimes a brand new volume of sheet music may require a little of “breaking-in” so that pages may turn more easily. For more information, please refer to **Using New Books** **Note:** If there is no book placed on the **MusicTurner™**, the power will not turn on. This is to reduce unnecessary wear and tear.	
5		While pressing the both left and right sides of the opened book lightly with your left hand, press the POWER button to turn on the power.

6		The BOOK PRESSERS will pop up to press and hold the book firmly and prevent the pages from being turned back.
7		Put the wireless FOOT PEDAL (remote control) on the floor by one of your feet. Now you are ready to use the **MusicTurner™**.
8	 	Press or Step on the FOOT PEDAL switch once to turn the page whenever you want. (Make sure that the Power switch on the back of FOOT PEDAL is set to ON position.) The page will be turned automatically. Alternatively, you may turn the page by pressing the PAGE-TURN button with your finger on the **MusicTurner™**. 

9		When you are done with using the Music Turner, press the POWER button to turn off the power. The BOOK CENTER HOLDERS will pop back in and the power will be turned off. When you want to change the book or jump to another page within the book to play a new piece of music, turn the power off and repeat the process from number 3.

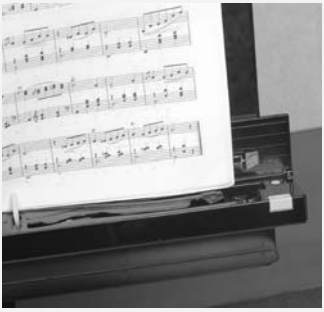
Auto Power Off Function:

The **MusicTurner™** will be automatically turned off about 20 minutes after the last operation is performed or if an error occurs. To restore power, press the Power switch.

To conserve battery life, be sure to turn off the **MusicTurner™** whenever the device is not in use. We also recommend using fresh batteries before a performance.

Note: As with all new devices, we recommend that you spend some time practicing with the **MusicTurner™** before actually using it in a performance situation.

Tip: If you turn more than 25 pages using the **MusicTurner™** consecutively, the book may be pushed slightly to left or the front page may come out from the BOOK EDGE HOLER as shown below.

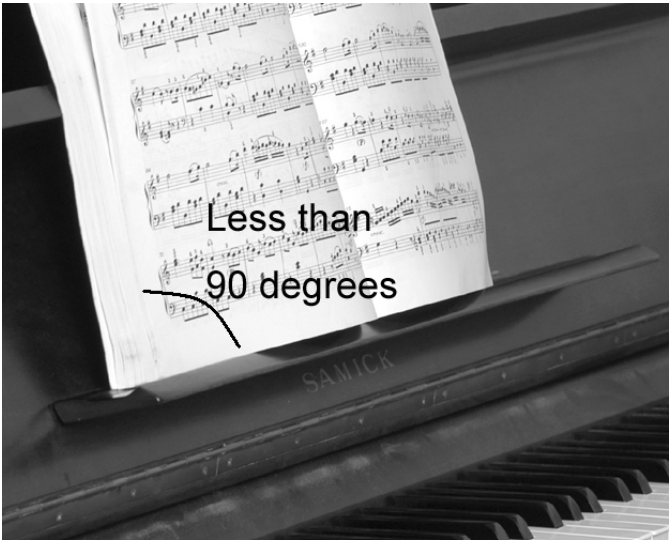


When this happens, it may be necessary to push the book back to the right to the inside corner of the Book Edge Holder.

To prevent the book from being moved, you may use a **binder clip** to hold the back cover of the book and the music stand together as shown below. The book will be securely placed on the **MusicTurner** and won't move to the left.

2. USING UPRIGHT PIANO ADAPTER (UPA)

On some upright pianos, the angle between the **MusicTurner™ (**or book stand) and the book is less than 90° as shown below.



To operate properly, the angle between **MusicTurner™** and the book should be between 90° and 95°.

To adjust the angle, use the Upright Piano Adapter (UPA) as described below.

1. Open up the UPA.

2. Place the UPA on the upright piano.

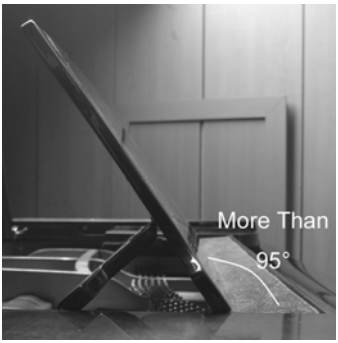
3. Insert the **MusicTurner™** in the UPA and open the **MusicTurner™** COVER.

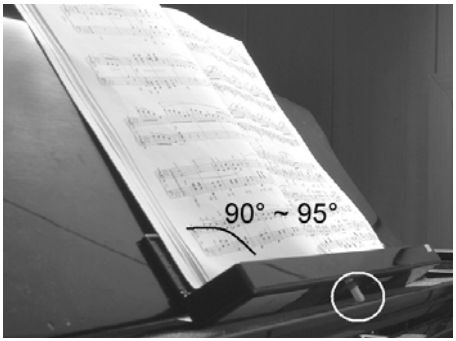
4. Check if the angle is now properly adjusted and put the book on the **MusicTurner™**. You are now ready start using the **MusicTurner™** as described in the previous section.

3. USING ANGLE-RECLINER WITH GRAND PIANO/DIGITAL PIANO

In general, when you place the **MusicTurner™** on a grand piano or digital keyboard instrument without adjusting the ANGLE-RECLINER, the angle between the **MusicTurner™** and the book stand is more than 95° (approximately 120°) as shown below. At this angle, **MusicTurner™** won't be able to turn the pages properly.

To operate properly, the angle between **MusicTurner™** and the book stand should be between 90° and 95° as shown below.



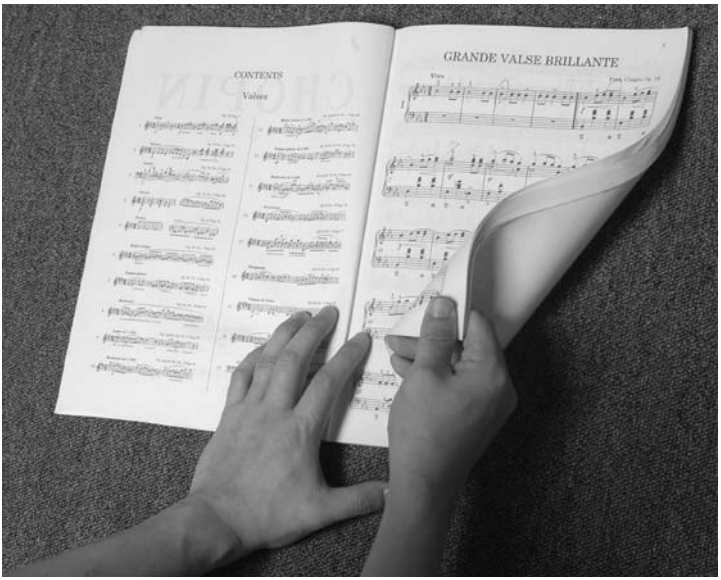


To adjust the angle, pull out and use the ANGLE-RECLINER on the bottom of the **MusicTurner™** before using the **MusicTurner™**.

4. How to Handle New Books

Sometimes, when you try to turn a page, you will find that two or more pages are turned together. This is a problem associated with the book and it happens whether you try it with your own fingers or **MusicTurner™**. (Please note that in general, **MusicTurner™** turns pages more accurately than your fingers.) This especially happens with brand new books. To solve the problem, follow the instruction below:

1. Open the front cover of the book.
2. Grab and hold the bottom right corner of book.
3. Gently fold the book in a S-shape as shown below several times to break the pages free from each other. This will increase the air circulation between pages.



5. HOW TO HANDLE STICKY PAGES

If two or more pages are turned together at the same time, you need to have better air circulation between pages. Usually, this is a problem associated with books or pages physically, not with the **MusicTurner™**. This happens if the book is new, there is too much moisture in the air or there's static electricity built up between the pages. When this happens, break the pages from each other using the method explained in "**4. How to Handle New Books"**.

Alternatively, you may fold a very small bottom right corner tip of the page causing the problem as shown below:

Note: Please not that if the page is damaged or torn, it may not be turned properly.

6. BATTERY REPLACEMENT

6.1. CHANGING BATTERIES FOR MUSICTURNER MAIN BODY

If the page-turning speed is very slow or if nothing happens when you press the Power switch on the main body of **MusicTurner™**, you probably need to have the batteries replaced.

To change the batteries:

1. Turn off the **MusicTurner™** before inserting/removing the batteries.
2. Open the Battery Cover on the back on the **MusicTurner™**.
3. Take out the old batteries in the battery compartment.
4. Insert the four new AA batteries in the battery compartment. (Follow the indication for +/- direction specified on the battery compartment.)
5. Put the Battery Cover back on.

CAUTION: **A dead battery can leak and damage the MusicTurner™ if left in the battery compartment for long period.**

6.2. CHANGING BATTERIES FOR FOOT PEDAL

If the page does not turn when you press the Foot Pedal switch although the **MusicTurner™** power is properly on, you probably need to have the batteries replaced in the Foot Pedal.

1. Turn off the Foot Pedal before inserting/removing the batteries.
2. Open the Battery Cover on the back of Foot Pedal.
3. Take out the old batteries in the battery compartment.
6. Insert the two new CR2032 batteries in the battery compartment. (Follow the indication for +/- direction specified on the battery compartment.)
4. Put the Battery Cover back on.

7. CLEANING

Turn the power off and unplug the power cord before cleaning.

With a soft, dry, lint-free cloth, gently wipe the surface of the **MusicTurner**.

⚠ CAUTION: **Do not use water, liquid detergent or solvents for cleaning. Liquids might drip down into the mechanical and/or electrical parts and damage them.**

Guarantee

We grant 2 years guarantee on the product commencing on the date of purchase. Within the guarantee period we will eliminate, free of charge, any defects in the appliance resulting from faults in materials or workmanship, either by repairing or replacing the complete appliance as we may choose when the product is returned postage paid as a complete unit to FineFuture or its authorized distributor. Proof of purchase and a letter explaining the problem must accompany the returned unit. This guarantee extends to every country where this appliance is supplied by FineFuture or its appointed distributor.

This guarantee does not cover: damage due to improper use, normal wear or use as well as defects that have a negligible effect on the value or operation of the appliance. The Guarantee becomes void if repairs are undertaken by unauthorized persons and if original FineFuture parts are not used.

To obtain service within the guarantee period, hand in or send the complete appliance with your sales receipt to an authorized FineFutre Customer Service Center.

Preparing to Work Inside the MusicTurner

⚠	CAUTION: **Only a certified service technician should perform repairs on your MusicTurner. Damage due to servicing that is not authorized by FineFuture is not covered by your warranty. Read and follow the safety instructions in the *Owner's Manual* that came with the MusicTurner.**
⚠	CAUTION: **To prevent static damage to components inside your MusicTurner, discharge static electricity from your body before you touch any of your MusicTurner's electronic components. You can do so by touching an unpainted metal surface.**

FAQ

Q: *Why isn't there a mechanism for reverse movement on the MusicTurner?*

A: Usually, classical music books do not require the pages to be turned back. Therefore, the reverse movement mechanism is not really essential for most professional musicians. Also, to make the **MusicTurner™** as portable and light as possible, it was necessary to exclude the reverse movement mechanism.

Q: *The **MusicTurner™** is automatically shut-down. Why did it happen?*

A: The **MusicTurner™** switches the power off automatically about 20 minutes after the last operation is performed. To restore the power, press the POWER SWITCH.

Also, it powers off when an error occurs during the operation to reset the device. In this case, reposition the book to make sure there's no problem and then press the Power switch to restore the power.

The **MusicTurner™** may switch the power off if it runs out of the battery. If this is the case, replace the batteries and try again.

Q: *The **MusicTurner™** turned two or more pages at the same time. What should I do?*

A: When the book is brand new or when there is too much moisture in the air, the pages are prone to stick together. To remedy the problem, you have to "break-in" pages by following the instruction provided in the "**4. How to Handle New Books**" and "**5. How to Handle Sticky Pages**" sections in this manual. Also, this may happen if the page is damaged. If the page is damaged, the **MusicTurner™** may not be able to turn it properly.

Q: *The **MusicTurner™** is turned on. But when I press the FOOT PEDAL PAGE-TURN SWITCH, the page is not turned. What's wrong?*

A: Check the FOOT PEDAL POWER SWITCH on the back of the FOOT PEDAL. If it's in the OFF position, set it to the ON position and try again.

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.

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.

**CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

MusicTurner™

http://www.finefuture.com

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