



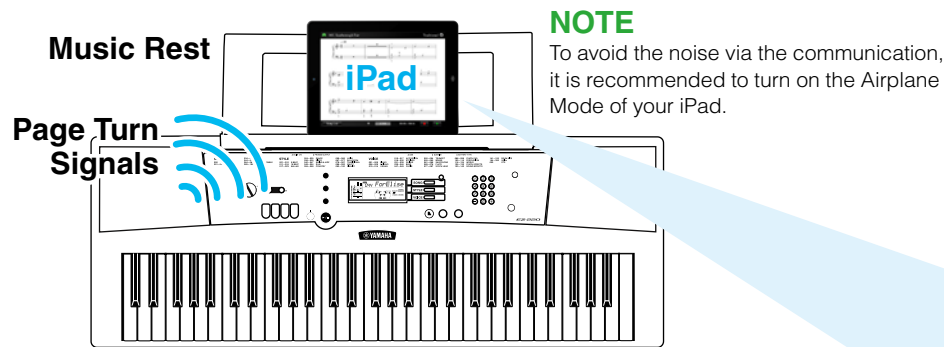
EZ-220 Page Turner Owner's Manual

- The software and this owner's manual are exclusive copyrights of Yamaha Corporation.
- Copying of the software or reproduction of this manual in whole or in part by any means is expressly forbidden without the written consent of the manufacturer.
- Yamaha makes no representations or warranties with regard to the use of the software and documentation and cannot be held responsible for the results of the use of this manual and the software.
- The screen displays as illustrated in this Owner's Manual are for instructional purposes, and may appear somewhat different from the screens which appear on your devices.
- Apple and iPad are trademarks of Apple Inc., registered in the U.S. and other countries.
- The company names and product names in this Owner's Manual are the trademarks or registered trademarks of their respective companies.

© 2012 Yamaha Corporation. All rights reserved.

What is EZ-220 Page Turner?

This application shows the scores of the Preset Songs built into the EZ-220 on the iPad screen. Since the score pages are automatically turned according to playback progress, you can concentrate on playing the keyboard while viewing the score.



Playback of the Preset Song outputs a special sound signal (referred to as "Page Turn Signals") for turning the score page as playback progresses. The Page Turn Signals that is input to the iPad microphone calls up the corresponding score on the screen.

NOTE

For details about the operation of the EZ-220, refer to the EZ-220 Owner's Manual.

EZ-220 Page Turner

Song List display

No.	Title	Composer	Page
020.	Funiculi-Funicula	L. Denza	56
021.	Die Lorelei	F. Silcher	61
022.	Wenn ich ein Vöglein wär	Traditional	63
023.	Turkey In The Straw	Traditional	66
024.	Old Folks At Home	S.C. Foster	70
025.	Londonderry Air	Traditional	72
026.	When Irish Eyes Are Smiling	E.R. Ball	74
027.	Mass I Denza	F. Silcher	78
028.	America The Beautiful	S.A. Ward	80
029.	O Christmas Tree	Traditional	82
030.	Jingle Bells	J.S. Pierpont	86
031.	Silent Night	F. Gruber	89
032.	Deck The Halls	Traditional	91
033.	American Grace	Traditional	93

Score display

Utility window

Score display

Indicates the strength of the Page Turn Signals received from the EZ-220.

No signal **Weak** → **Strong**

Tapping the left end or swiping the display rightward calls up the previous page.

NOTE
If you want to turn the page manually or without using the Page Turner function, press the [PAGE TURNER ON/OFF] button of the EZ-220 to turn it off.

Tapping this opens the Song List display.

Current page number/total pages
Tapping here calls up the slider, which lets you select another page.

Current playback time/total recorded time

NOTE
The message of level adjustment for the recorded sound is shown when recording stops. Please wait until the message disappears.

Tapping here starts playback of the recorded audio signals. Tapping here again stops playback.

Tapping here starts recording the audio signals input to the microphone of the iPad. Tapping here again stops recording.

Tapping the right end or swiping the display leftward calls up the next page.

Tapping here opens or closes the Utility window.

Song Number **Song Name** **Composer**

001. Scarborough Fair Traditional

♩ = 112

8 1

5

5 3 4 3

Song List ★ 4/308 00:00 / 00:04

Song List display

The Song List, from which you can select the desired Song, consists of the “All Songs” page and the “Bookmarks” page. The “All Songs” page shows all the Songs provided in this application while the “Bookmarks” page shows only the Songs which you have marked in the Score display. In either of these pages, tapping a Song name will call up the corresponding Score.

NOTE

- Selecting a Song on the iPad does not change the Song on the EZ-220.
- Although this application provides only 10 of the Song scores from the EZ-220 Preset Songs, you can call up all Preset Song scores of the EZ-220 by receiving the Page Turn Signals.

All Songs			
No.	Title	Composer	Page
020.	Funiculi-Funicula	L. Denza	56
021.	Die Lorelei	F. Silcher	61
022.	Wenn ich ein Vöglein wär	Traditional	63
023.	Turkey In The Straw	Traditional	66
024.	Old Folks At Home	S.C. Foster	70
025.	Londonderry Air	Traditional	72
026.	When Irish Eyes Are Smiling	E.R. Ball	74
027.	Muss I Denn	F. Silcher	78
028.	America The Beautiful	S.A. Ward	80
029.	O Christmas Tree	Traditional	82
030.	Jingle Bells	J.S. Pierpont	86
031.	Silent Night	F. Gruber	89
032.	Deck The Halls	Traditional	91
033.	Amazing Grace	Traditional	93

Dragging upward or downward scrolls through the Songs.

Back All Songs Bookmarks

Returns to the **Score display**.

Calls up the “All Songs” page.

Calls up the “Bookmarks” page.

Utility window

Selects the design type of the display.

Theme Piano >

Selects the background color for the **Score display** and **Song List display**.

Texture White >

Deletes the recorded audio signals. When no signals are recorded, this area turns gray out.

Delete recorded data

Adjusts the input gain of the iPad microphone.

Recording gain



Flashes when the input signal exceeds the specified level.

Opens this manual.

Help >

Opens the Tutorial for setting.

Tutorial >

When set to ON, the Tutorial for setting appears periodically while using this application.

Display Tutorial periodically



Adjust the Recording gain with the slider so that this indicator does not flash when playing chords on the keys with relatively high strength at normal volume. Doing so allows you to record audio at a suitable level.

While this indicator is flashing, the recording sound may be distorted and the auto page turn function may not work correctly.

Program version.

EZ-220 Page Turner
Ver 1.0.0.3

NOTE

Recording gain is shown only in iPad 1



Page Turn Signals are provided via "INFOSOUND" technology (acoustic telecommunication technology) developed by Yamaha.

Special Notice

About reception of the Page Turn Signals

Since the trigger for the Page Turn function uses audio signals output from the instrument speakers which are received by the iPad microphone, you should carefully observe the following points.

- Never cover the microphone of the iPad with the case or cover. Doing so may prevent the iPad from receiving the Page Turn Signals.
- Never connect a plug to the PHONES/OUTPUT jack of the instrument. Doing so will prevent the instrument from transmitting the Page Turn Signals.
- To confirm whether the iPad receives the Page Turn Signals successfully or not, check the iPad screen. If the signal is somewhat weak, move the iPad position leftward or rightward slightly to find the best position on the Music Rest.
- For optimum signal reception, set the iPad so that the microphone section is located on the left side.
- Use the instrument and iPad in a quiet place, since extraneous noise may prevent the iPad from receiving the Page Turn Signals.
- If you use the iPad 1, adjust the Recording gain in the Utility window so that the indicator doesn't flash while playing the keyboard. Overly high level input to the iPad 1 microphone may weaken the signal reception level.
- If the rear panel or left side of the instrument is close to a wall, signal reception may be weakened. In such a case, set the instrument as far away from the wall as possible.

CAUTION

When setting the iPad on the Music Rest

To prevent the iPad from falling, note the following points:

- Make sure that the Music Rest is inserted firmly into the instrument.
- Before moving the instrument, make sure to remove the iPad from the Music Rest.
- Never slide the iPad along the Music Rest or submit it to strong shock, such as pushing or hitting it when on the Music Rest.
- Never put anything else on the Music Rest together with the iPad, such as a song booklet or another iPad. Doing so may make the Music Rest unstable.
- Never place the instrument with the iPad in an unstable position. When using a keyboard stand, make sure the instrument rests on the stand securely and firmly.
- When setting the iPad on the Music Rest, please take care that the iPad doesn't fall.
- When you are not using the Page Turn function or you leave the instrument, make sure to take off the iPad from the Music Rest.
- If it seems that the iPad is not set stably on the Music Rest, use the clip and (if necessary) some felt to set the iPad firmly. The felt should be used to fill the gap between the clip and the iPad. For details, refer to the Owner's Manual of the instrument.
- Never submit the instrument, iPad or keyboard stand to strong shocks. Doing so may cause the iPad to fall from the Music Rest even though the iPad is set firmly with the clip and felt.

Troubleshooting

When the Page Turner does not work well:

<p>On the instrument, check whether or not the PAGE TURNER function is set to ON.</p>	<p>Press the [PAGE TURNER ON/OFF] button to set it to “ON.” For details, refer to the Owner’s Manual of the instrument.</p>
<p>Check whether or not the instrument is in the Song mode.</p>	<p>The Page Turner is available only in the Song mode or only when a Song is selected. If the instrument is not in this status, enter the Song mode or select a Song. For details, refer to the Owner’s Manual of the instrument.</p>
<p>Confirm whether or not the iPad is properly receiving the Page Turn Signals by checking the strength of the Page Turn Signals at the top left corner of the iPad screen.</p>	<p>Refer to “About reception of the Page Turn Signals” in the “Special Notice” page.</p>
<p>Check whether or not a plug is inserted into the PHONES/OUTPUT jack.</p>	<p>Never insert a plug into the PHONES/OUTPUT jack of the instrument when you use the Page Turner.</p>
<p>Check whether or not the Page Turner (this application) has been started.</p>	<p>Make sure to start the Page Turner.</p>

leaves

The MIT License Copyright © 2010 Tom Brow

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the “Software”), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sub-license, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice, and every other copyright notice found in this software, and all the attributions in every file, and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED “AS IS”, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

U.R.G., Digital Musical Instruments Division
© 2012 Yamaha Corporation
204MW-B0