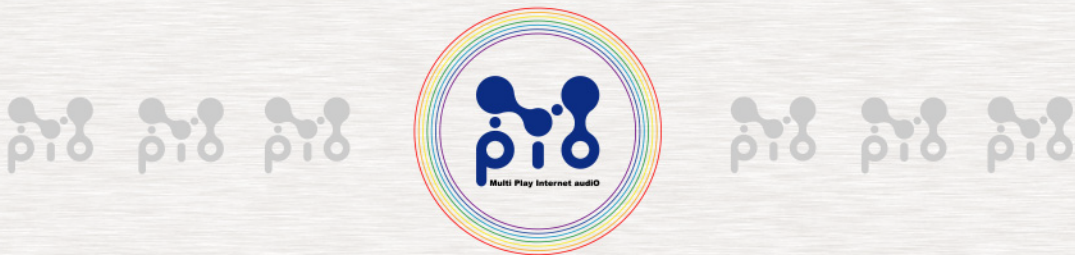


digit@lway

Mpio



User's Guide

DMK

Please read this user's guide carefully before using the MPIO.

DIGITAL SOUND ... **MPIO!!!**

◆ Digital Sound

The MPIO maintains high quality sound at all time.

■ What is "MP3" ?

MP3 stands for MPEG 1/2 layer 3.
MP3 files are 1/4 to 1/20 the size of
uncompressed audio files.

■ What is the "MPIO" ?

The MPIO stands for Multi-Play Internet Audio but
it is a new generation digital audio player.
You can purchase MP3 files on the Internet and
download them directly to your MPIO for CD
quality sound, without the need of cassette or CD.

THE COMPACT DESIGN
WITH THE SMALLEST SIZE
KEY-HOLDER TYPE



CONTENTS

PREPARING FOR USE

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USE OF "MODE BUTTON"

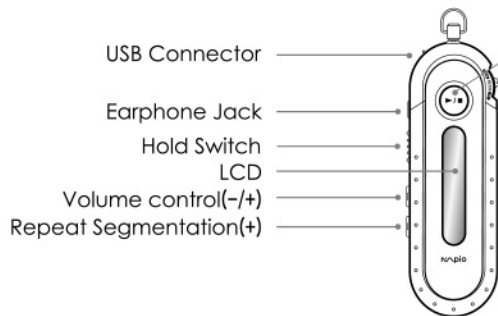
- Function Jog button 1.....19
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PLAYER FEATURES AND CONTROLS

Front Panel



Power on/Play/Stop/Power off

Mode **REW** Rewind

FF Forward

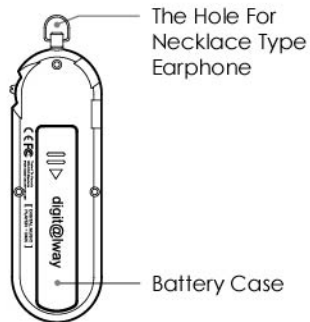
EQ EQ (Equalizer Mode)- **FLAT** **POP** **ROCK** **CLASS** **X-BASS** **ENT**
FLAT POP ROCK CLASSIC X-BASS ENT

REP REP (Repeat Mode)- **Normal** **Repeat One** **Repeat All** **SHUFF** **intro** **ENT**

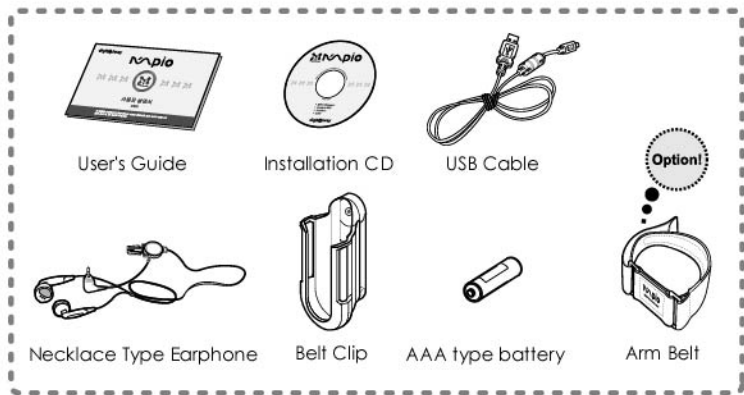
B/L Backlight

ENT-Enter

Rear Panel



Accessories

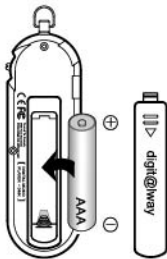


INSERTING THE BATTERY

- 1 Slide the battery cover in the direction of the arrow.



- 2 Insert "AAA" type battery with the correct polarity.



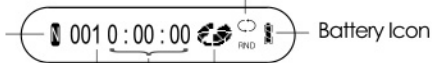
- 3 Close the cover and slide it as indicated until the battery cover latches.



DISPLAY PANEL

EQ(Equalizer Mode) Icon

→By selecting Equalizer menu, you will see 5 different Equalizer modes(N P R C B) displayed.(see page 22)



Repeat Mode Icon (see page 25)

Playback Icon

Playing time of a song

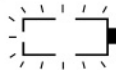
Battery

- Battery status indicator.



3 7 10hour

- If the battery icon shows empty and starts blinking, it indicates the battery is almost gone.
(About 3 minutes left before the battery needs to be replaced.)




LISTENING TO THE SAMPLE MUSIC

Your MPIO comes with pre-installed MP3 files for your immediate use.

- 1 Turn the MPIO on by pressing play button .

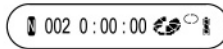


- 2 Press play button  again to play the first selection.



- 3 Select the file what you wish to listen to with Jog button.

- ◆ Push **REW** Jog button up to listen to the previous file.
- ◆ Pull **FF** Jog button down to listen to the next file.



※ If you move Jog button upside down during the play of a song, the play mode turns to **REW** or **FF** mode and you can see the playing time on LCD is turned to fast forwarded or rewinded fast.

REW : Rewind


FF : Fast Forward


- To stop the MPIO temporarily, press  (play button). Press  (play button) again to continue playing.

3 Adjust the volume by pressing the volume(+/-) to your desired level.

- ◆ The level of volume is 00~40.



4 Press  to stop playing.

- ◆ To turn your MPIO off, press and hold the  button for about 2 seconds.



- ◆ If you do not press any buttons during in the selection state, MPIO will automatically turn off after 3 minutes.

INSTALLING SOFTWARE ON PC

Insert the Installation CD into the CD-ROM drive.
The picture below will appear.

■ MPIO-DMK Manager

MPIO-DMK Manager is for transferring files between PC and the MPIO.
You can download MP3 files and others to your MPIO.
You can also upload any other files (except MP3 and WMA files)
to your PC using this software.

■ Sample MP3 Songs

You can enjoy sample MP3 songs.

■ WWW

You can get updated information and MPIO-DMK Manager from our web site.
(<http://www.mpio.com>)

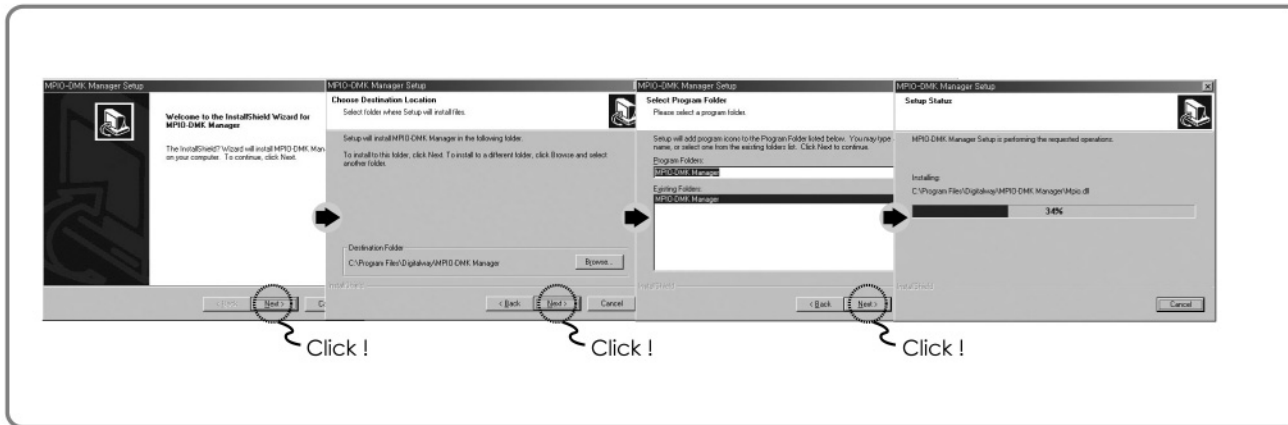


..... System Requirements

- Pentium 133MHz or faster
- 20MB free hard disk space
- USB port
- Windows 98/ME/2000(PRO)/XP/MAC OS(ver8.61~9.1)
- CD-ROM drive

INSTALLING THE MPIO-DMK MANAGER

Click the 'next' button on each window.

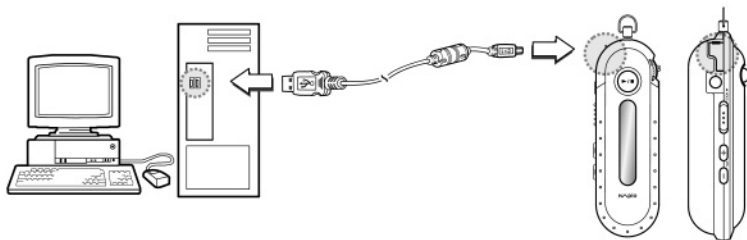


◆ The installation of MPIO-DMK Manager was finished well.

CONNECTING THE MPIO TO PC

1. Connect the USB cable to the USB port of the computer.

2. Turn the MPIO on and connect the USB cable to your MPIO.



USB CONNECTED

◆ **USB CONNECTED** will appear on the LCD of the player.

⚠ Attention

Please connect the USB Cable to your MPIO only when your MPIO is in the stop mode.
If you connect the USB Cable to your MPIO in the playing mode of your MPIO, the set can become wrong.

FORMATTING INTERNAL MEMORY

- 1 Execute the MPIO-DMK Manager.
 - Double-click the icon of the MPIO-DMK Manager on the desktop.



- 2 Click **[Memory]** and select **[Format Internal Memory]** in the pull down menu.



SENDING FILES TO THE MPIO

Before sending files to your MPIO, connect the MPIO to PC.

1 Execute the MPIO-DMK Manager.

- Double-click the icon of the MPIO-DMK Manager on the desktop.



2 Memory information of MPIO is displayed on the MPIO-DMK Manager.



3 Select File(s) to download to the MPIO.



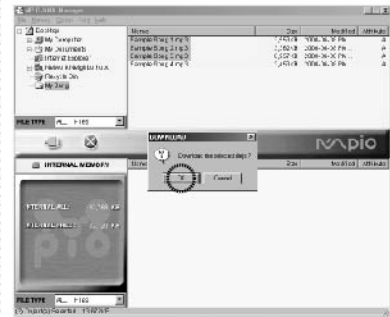
Note

- Always check that "USB CONNECTED" is displayed on the LCD of the MPIO before sending files.

4 Click Download icon.



5 MPIO-DMK Manager asks, 'Are you sure?' : Download a current file(s) then click Yes.



The selected file has been downloaded. Now you can listen to music with the MPIO after removing the USB cable.



• You can also send files to MPIO by selecting [File] and [Download files] in the pull down menu.

ERASING FILE

Connect your MPIO to PC and execute the MPIO-DMK Manager before erasing.

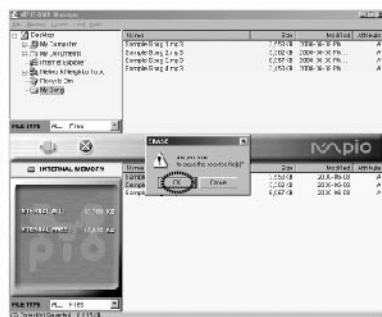
1 Click the file of the MPIO you would like to delete.



2 Click [File] and select [Erase Files in MPIO].



3 Click [OK].



Note You can also delete the file by pressing the right button of the mouse and selecting Erase.

ARRANGING THE PLAYBACK ORDER

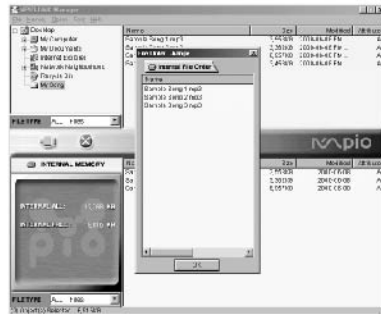
Connect your MPIO to the PC and execute the MPIO-DMK Manager as indicated on pages 11.

1 Execute the MPIO-DMK Manager

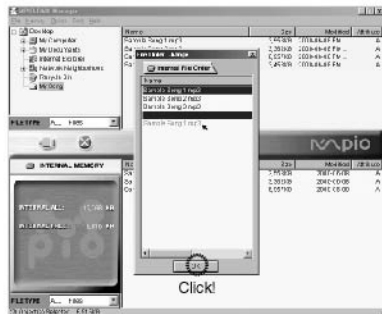
- ◆ Double-click the icon of the MPIO Manager on the desktop.



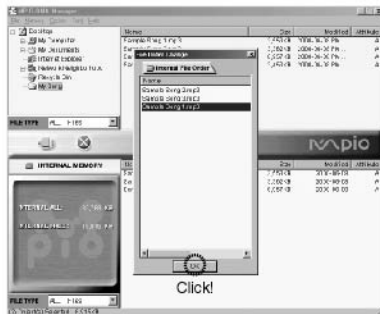
2 Click [File] and [Change File order in MPIO].



4 Arrange the files by dragging and dropping.



5 Click [OK] after moving files to the desired position.

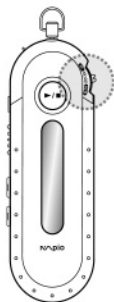


6 The MPIO-DMK Manager displays the file arrangement you made.



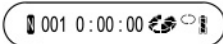
FUNCTIONS OF JOG BUTTON 1 - Press Jog button shortly

By using Jog button, you can set the MPIO as you like.

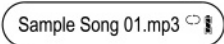


※ If you push Jog button vertically shortly, the information for the selected song file will be displayed by 3 ways on LCD as follows.

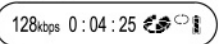
The number of a song



The title of a song



Playing time of a song



Choose the menu by the key of **REW** and **FF** by pressing Jog button vertically and to play the song.

※ If you push Jog button long, you can select the functional mode. (EQ – REP – B/L – ENT)

- The power turn off automatically if you don't push any button above 3 minutes.

FUNCTIONS OF JOG BUTTON

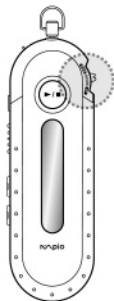
-Press Jog button long.

By using Jog button, you can set the MPIO as you like.

Press Jog button over 2 seconds and four mode are displayed on the LCD.





















Each mode has "under mode" as below.

By selecting  'RETURN', you can move to upper level.



※ Press Jog button vertically.

Then select each mode by  &  button by moving Jog button upside down and press Jog button shortly again.

Jog button	 EQ (Equalizer Menu)	 REP (Repeat Mode)	 B/L (Backlight)
Menu	<p> FLAT : Normal balance</p> <p> POP : Balance suitable for pop music</p> <p> ROCK : Balance suitable for rock music</p> <p> CLASS : Balance suitable for classical music</p> <p> X-BASS : To strengthen bass</p> <p> ENT : Move to upper level</p>	<p> Normal : Plays all stored files one time in order.</p> <p> Repeat One : Repeat the current selected file.</p> <p> Repeat All : Repeat all stored files.</p> <p> SHUFF : Plays files in random order.</p> <p> intro : Plays first 10 seconds for each of the file.</p> <p> ENT : Move to upper level</p>	<p> </p> <p> : Make the time of Backlight shortly</p> <p> : Make the time of Backlight long</p> <p>● You can adjust the time</p> <p>00 : Backlight OFF 01-10 : 1-10 second 20 : 20 second 30 : 30 second</p>
	 ENT (Enter) : Mode to the initial mode.		

- If there is no operation for function mode with in 3 seconds, LCD display will be back to the initial page.

- ※ Choose the style of a song by pressing Jog button vertically and selecting EQ mode.
Choose one mode from 5 EQ mode by using **REV** & **ENT** button and push Jog button shortly again.
(After selecting one mode, you can go to the initial condition by choosing **ENT** button.)

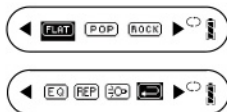
EQ Mode

- Go to **EQUALIZER** menu.

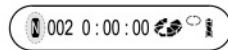
1 Press Jog button vertically and select **EQ** mode.



2 Select **FLAT** mode and **ENT** to music decoding state.

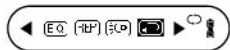


3 **FLAT** mode icon (🔊) is shown on the left corner.

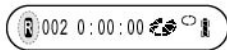
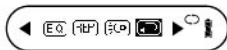


※ After selecting each mode, press Jog button vertically shortly.

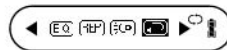
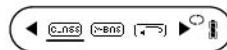
1. When to select **POP** mode



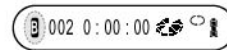
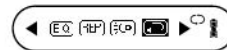
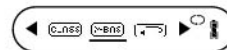
2. When to select **ROCK** mode



3. When to select **CLASS** mode



4. When to select **X-BAS** mode



- ※ Press Jog button long and select **REP** mode.
 Choose one mode from several **REP** mode by using Jog button.
 Then, press Jog button **shortly again**.

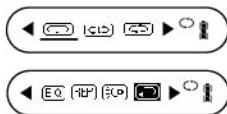
REP(Repeat) Mode

- Go to **REP** menu.

1. Press Jog button vertically and select **REP** mode.



2. Select  Normal mode and  ENT to music decoding state.

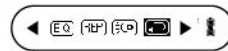
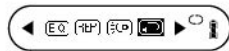
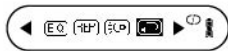
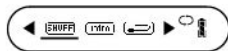


3. When to select  Normal mode, there is no icon on LCD.

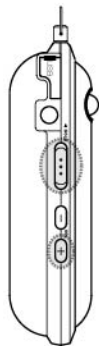


※ When to select other **REP** mode, icon on LCD is displayed as follows :

1. When to select **Repeat One** mode 2. When to select **Repeat All** mode 3. When to select **SHUFF** mode 4. When to select **intro** mode

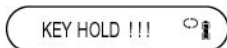


REPEAT SEGMENTATION



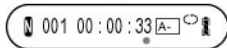
1 You can Listen a specific section. :

- 1) Make the music playing.
- 2) Set HOLD button on.



3) Press \ominus volume button at the start point. ➡

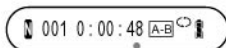
A-Repeat Segmentation starts.



- The point on what this function starts.
(for exam : 33 seconds-)

2 Press $\omin�$ Volume button again at the end point.

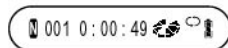
A-B Repeat Segmentation is made.



- The repeated time of this function.
(for exam : 33-48 seconds)

3 If you want to cancel this function,

Press $\omin�$ volume button again or set HOLD button off.
Then, next music file will be played.



※ If you set HOLD button on or press other button "KEY HOLD !!!" is displayed on LCD.

DOWNLOADING ADDITIONAL FONT TO THE MPIO

To display characters other than English, additional fonts can be downloaded to the MPIO.

1 Execute the MPIO-DMK Manager.

Click the icon of MPIO-DMK Manager twice on the desktop.



2 Click [Font] and [Download Font to MPIO].



3 Click [OK].



4 Click [OK].



- Optional font file occupies about 2MB of the MPIO memory. Select **[Font]** and **[Erase Font in MPIO]**.
- If you want to recover 2MB due to font download.
- Additional file supports following characters.
 - ① Korean
 - ② Japanese
 - ③ Chinese (Traditional)
 - ④ Chinese (Simplified)

SAFETY PRECAUTIONS

Please read to make sure the MPIO gives you years of enjoyment.

- 1 Do not drop your MPIO or leave it under heavy objects.
- 2 Do not allow any liquids to contact the MPIO.
 - If this happens, wipe the MPIO with dry cloth.
- 3 Avoid areas of high humidity, strong magnetic fields, or sources of heat when storing your MPIO.
- 4 Do not use thinner, alcohol, or benzene when cleaning the MPIO.
- 5 To avoid damage to the MPIO, the battery always must be taken out when not in use more than 7 days.

TECHNICAL SPECIFICATIONS

- MPIO(DMK)

Model	DMK
Memory Capacity	Internal Memory 32/64/128MB
Power	1.5V
Battery	One AAA type / Playing time : 10hours
LCD	STN-type 1line LCD / Korean 8 characters & English 16 characters
Dimensions (WxHxD)	88x29x23mm / 29g (without battery)
Case	Aluminum, Plastic
File Transmission Speed	Up to 5.5 Mbps(Max 6Mbps)
Noise Ratio	85dB
Earphone Output Power	10mW(R:5mW , L:5mW)
Output Frequency Range	20Hz~20KHz

TROUBLESHOOTING

1 The MPIO does not work or nothing is displayed on the LCD.

- Check the capacity of the battery.
One 1.5V AA type battery is required.
- Check the polarity(+ and -) of the battery.

2 The buttons are not working.

- Check if the Hold Switch is down.
While the Hold Switch is down,the buttons do not work.

3 There is no audio produced when the ►/■ button is pressed in MP3 mode.

- Check that MP3 files are stored in the internal memory.

4 MP3 files can not be downloaded.

- Check the connection between the USB port of your PC and the USB cable.

SAFETY INFORMATION

FCC Part 15: 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, this notice is not a 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 one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician.

Modifications

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the device.

※ USB Cable

To ensure the product complies with FCC Rules and Regulations. Only use the supplied USB cable. Use of any other USB cable may not ensure product compliance.

Compliance

This product conforms to the following Council Directive:

- Directive 89/336/EEC, 92/31/EEC(EMC)

Declaration of Conformity

Name: Digitalway Co., Ltd.

Address: Joong Pyung B/D 64-1, Woomyung Dong, Seocho-ku, Seoul, 137-140 Korea

declares under its sole responsibility that the product

Trade Name: Digitalway Co., Ltd.

Model Number: DMK

has been tested according to the FCC Part 15/CISPR22/95 requirements for Class B devices and found compliant with the following standards

EMI/EMC: AnSI C63. 4, 1992, FCC Part 15 Subpart B

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 undesirable operation.

WARRANTY

This MPIO brand product, as configured and distributed by Digitalway Co., Ltd. and delivered, in the original carton to the original consumer purchaser, is warranted by Digitalway against manufacturing defects in materials and workmanship for following limited warranty period: **One(1) year**

This limited warranty begins on the original date of purchase, and does include transportation, installation, removal, and reinstallation.

Warranty repairs must be performed by Digitalway.

To receive warranty service, the original dated bill of sale must be presented upon request as proof of purchase to Digitalway. Transportation to Digitalway is the responsibility of the purchaser.

Digitalway will repair this product, at our option and at no charge, with new or reconditioned parts or will exchange the product with a reconditioned unit if found to be defective during the limited warranty period specified above. The product must be returned during the warranty period with transportation charges prepaid to Digitalway.

Prior to returning any product for warranty service, the purchaser must contact Digitalway for problem determination and service procedures. It is the purchaser's responsibility to secure all programs and data contained in or affected by the product. Digitalway does not warrant uninterrupted or error-free operation of the product, and shall not be liable for the loss or destruction of data or media resulting from the use or

service of this product.

All replaced parts and products become the property of Digitalway and must be returned to Digitalway.

Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever longer.

Digitalway's obligations respect to software products distributed by Digitalway under the Digitalway brand name are set forth in the applicable end user license agreement. Non-Digitalway hardware and software products are provided on an "AS IS" basis.

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