Copyright Notices

FCC

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 : Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

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.

Certicated Of Conformity

1. Company : Universal Buslink Corporation.
                   434 Cloverleaf Dr., Baldwin Park CA 91706
2. Product Name : Buslink (MP3 digital audio player)
3. Model No : HAN-14XS
4. FCC Rules : Tested to comply with FCC Part 15, Class B
                operating environment: for home or office use.
5. FCC Compliance Statement:
  This device complies with part 15 of 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.
6. CE Rules: Product with the CE Marking comply with both the
  EMC Directive (89/336/EEC) the amendments (92/31/EEC) and
  (93/68/EEC) issued by the Commission of the European
  community. Compliance with these directives implies confor
  mity to the following European
  Norms:
    -EN55022(CISPR22) : 2000 - Radio Frequency Interference
    -EN55024 : 1998 - Electromagnetic Immunity

HAN-14XS(USB)
User's Manual

We at Universal Buslink Corpora-
tion.. thank you very much for your
purchasing our products. To satisfy
our customers, we will always do our
best to develop new products and im-
prove services.

HAN-14XS(USB)
User's Manual

Read First

Below is description of basic concept of use of an MP3 player.
It may somewhat difficult for beginners to understand, however,
following the description on this document will guide you convenient
way of use.

An MP3 player is literally a player playing any MP3 files. You can
enjoy music without use of a cassette tape or a CD, since the MP3
player downloads music files into a tiny memory chip in the player
and plays the music files.

First of all, you shall have MP3 files on the player to enjoy music with
an MP3 player.
MP3 files are not downloaded from Internet directly to the player. You
shall first download the files to your PC, and then download the files
to the MP3 player.
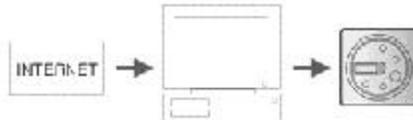
Don't you have MP3 files on your PC?
You can download free or charged files from Internet sites, or cre-
ate MP3 files directly from music files on audio CD, and then store the
files on your PC.

1

Easy understanding Five-step operation of MP3 player

Step 1: Program Installation

Once you make sure that MP3 files are stored in your PC, install the manager program on PC helping download the files to the player. Inserting the CD supplied together with the product in the CD-ROM drive automatically installs the program as well as the USB drive. You don't need any separate installation.

Step 2: Connection of PC with player

Prior to execute the installed manager program, you must connect your PC with the player.

First, load the battery into the product, press and hold POWER button for about two seconds to turn on power, and then connect the player to PC with the cable.

When connection is successfully complete, the LCD displays "C."

Step 3: Execution of Manager program

After connecting PC with the player and the LCD displays "C", double click the Manger program item on the desktop. When the Manager program screen is displayed, download the file by making use of this program.

Step 4: Downloading

You can easily download the files with the functions on the manager window displayed when executing the manager program. You can also employ the manager program for uploading, memory formatting, file deleting and changing of file sequence.

Step 5: Listening to the downloaded music files

Once you download the MP3 files to the player with the manager program, disconnect the cable from the player, and listen music from an earphone.

2. Configuration of Product

HAN-14XS(USB)	Batteries (AAA x 2)
Program install CD	User's Manual
USB Cable	Earphone
Necklace String	

Chapter 1. How to Use

1. Program Installation

First, install the manager program for downloading files from your PC to the MP3 player.

* Required environment for installation
  - Windows 98/Me/2000
  - USB-supported PC
  - CD-ROM drive
  - Free memory greater than 16MB
  - Free hard disk space greater than 10 MB

Follow the program installation instruction to install the program:

1) Windows shown below are displayed when installation is initiated.

   Press "Next"-"Install"-"O.K" button in the order.

4

2) Once installation is complete, the icons are generated as shown in the window below. Make sure that the desktop displays `Buslink` Manager icon.

* If the initial screen of the installation program is not displayed after inserting the CD-ROM in the drive, select CD-ROM in My Computer, and double click file "SETUP.EXE" to initiate the program.

Repeat sections 3) and 4) above for installation of the program.

2. Connection of PC with Player

Once you finish installing the manager program, connect your PC with the player as shown below.
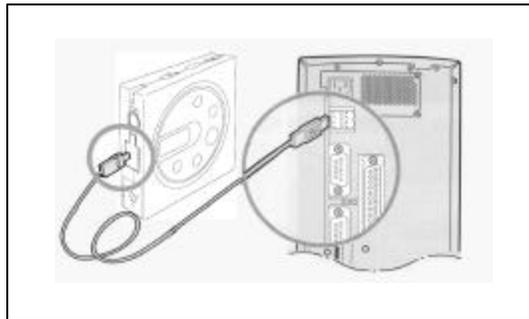
Follow the instruction below for connection:

1) Load the battery in the player.

2) Press POWER button two second at least to the turn power on. The power is on with "U" on LCD.

3) Make sure the power is on on the LCD display, and connect the MP3 player with your PC with a cable as shown below:
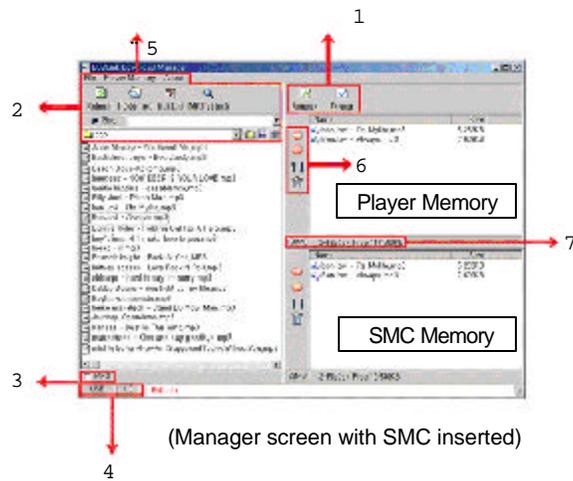

4) Correct connection displays "C" on the LCD.
   Execute the manager program from the desktop.

3. Execution of Manager program

Once connection between your PC and the player is complete, execute the Manger program to display the manager screen as shown below. Download files with this program.

Player Memory

SMC Memory

(Manager screen with SMC inserted)

1 Program menu
2 Explorer menu
3 Explorer information
4 player/program information
5 Memory menu
6 Downloading/uploading, track changing and file deleting
7 Memory information

└─ Free memory capacity

└─ Used memory capacity

└─ Downloaded file number

└─ Total memory capacity

7
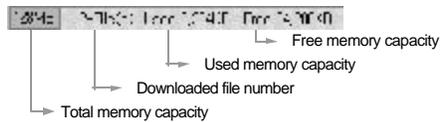
Manager screen without SMC inserted

This is the screen appearing when SMC is not used with player.
SMC is optional product you can purchase for memory expansion.
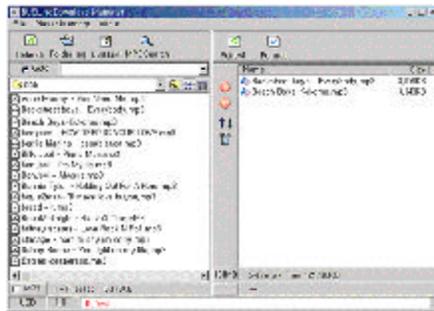
Manager screen without PC connection with player

This is the screen appearing when PC and player is not connected
properly. Please refer to the page 18 for help.

4. Automatic retrieval of MP3 files stored in PC

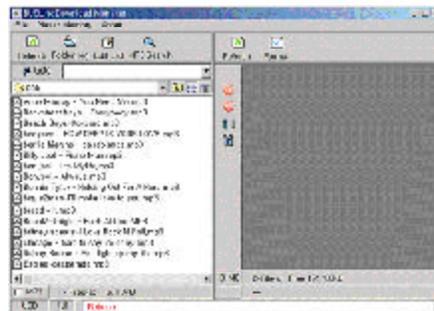Execute the manager program and click icon "MP3 Search" to convert the mode into the search mode. Press Explorer button when you desire to return to the explorer mode.
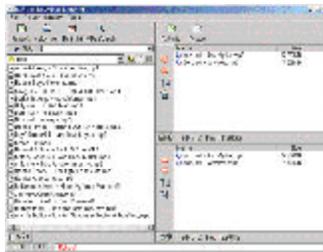
Select the drive for retrieval in the search mode and press ✔ Search button to automatically retrieve and display MP3 files from the selected drive.
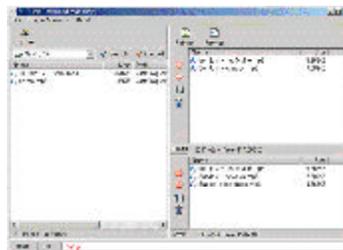
If no MP3 file is retrieved, this indicates there's no MP3 files in the selected drive of your PC. Try retrieval from other drives.
Note! Download the files from Internet sites, or convert music files on CD-ROM into MP3 format, download the files to the player.

5. Downloading/uploading

1. Downloading

   Follow the instruction of downloading MP3 files by making use of the manager program:

   1) Click files you desire to download on the left explorer window of the manager program (you may select multiple files), and then press ⬤ button.


```
PC Information          PLAYER
   Information
```

   2) Bring the Windows Explorer window, and click and drag the desired files and drop onto the window on the manager program.

10

2. Uploading

You can upload the files downloaded to your MP3 player to
your PC. Select a file (you may select multiple files) for upload
ing from the right memory window of the manager program
and press [ ] button to upload the files to the folder opened
on the left.
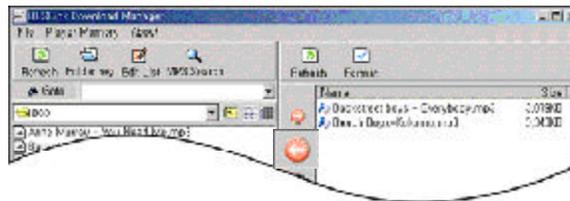
3. Additional functions of Manager program

Functions other than downloading/uploading of the Manager
program are as follows:

1) Memory formatting

Formatting memory accelerates the access speed to the
memory.

(1) Clicking the Format icon on the right top of the Mananager
window displays a window as shown below.

(2) Selecting the memory for formatting starts formatting.

(3) After formatting, press Close button.

Player Memory   SMC
Memory

11
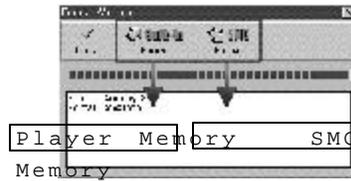
2) Change of file sequence

You can change the sequence of the downloaded files.
Select the downloaded files for change of sequence,
and press ⬆️⬇️ button.
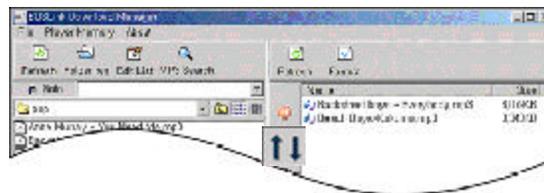
3) File delete

You can delete any downloaded files.
Select the files to delete from the Memory window, and
press 🗑️ button or Delete button on the keyboard.

1. Basic operation of player

STOP/POWER

Load the battery in the player and press the button one second or longer to turn power on. Press the button for two seconds or longer when you turn power off on stop condition.

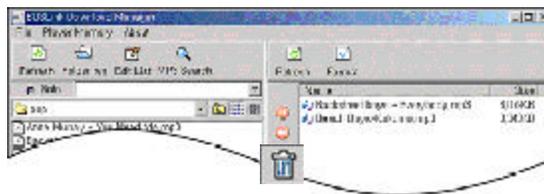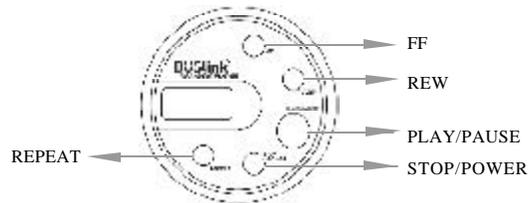Note: Pressing no button for more than 1 minute under stop condition automatically turns the power off to prevent power consumption.

PLAY/PAUSE

With power on, pressing the button plays files, temporarily pressing the button pauses the play, and pressing and holding the button tops the play.

Note: Pressing no button for more than 1 minute under pause condition automatically turns the power off to prevent power consumption.

FF(Fast-Forward)/REW(Fast-Rewind)

These buttons are used for moving to the previous or the next file. If you press and hold the buttons for an extended time, you can fast move to the previous or the next portion in a single file.

REPEAT

Press the button to select and listen to a file or all files repeatedly and to switch in 3 stages ; 1 file, all files, and suspension of repeat mode.

13

2. How to use additional functions of player

HOLD

Use this function for prevention of malfunction of the player at a bustled place.

When this button is kept on, other buttons other than the volume button will not operate.

MODE

There are two EQ modes as below and you can select a mode with the MODE button.

Normal mode   User mode

In Normal Mode, each bass and treble levels are set to 8 and you can adjust the levels as you want in User mode.

How to set bass and treble level in User mode

1) Press the Mode button for three seconds to flicker the EQ Icon. There is "bo" on LCD and then bass level currently set. Control the bass level (0~20, –8db ~ +12db) with the Volume button and set with the Mode button.

2) There is "tr" and Treble level on LCD after setting bass level. Control the treble level with Volume button and set with Mode button.
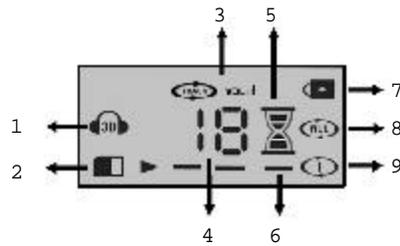

3) You can enjoy the EQ sound you set by selecting the User mode with MODE button.

VOLUME UP/DOWN

You can adjust the volume of the sound between 0 and 29 steps.

14

3. Description of LCD display

1 **EQ** : The EQ icon is displayed while playing with User mode.
No icon is displayed while playing with Normal unequalized
sound. Base or Treble is set while the icon flickers.
2 **SMC** : Flickers while playing files in SMC memory.
3 **Track/Volume** : The Track icon is displayed while playing.
The Volume icon is displayed by pressing the Volume button.
4 **File Number/Volume Level** : Displays file number being
played. The Volume Level icon is displayed while adjusting the
volume level.
Note!
It plays files in internal memory and external SMC memory in
turn. File number on LCD is separately displayed for internal
and external memory.
5 **Battery** : Displays available battery life. Replace the battery
when the Battery icon flickers.
6 **Playback Bar** : Indicates a file under playing when the bar
runs continuously.
7 **Hold** : Displays hold status.
8 **Repeat all files** : Indicates a repeat of all files currently stored in
memory.
9 **Repeat 1 file** : Indicates a repeat of the currently playing file.

15

3. How to use SMC

SMC (Smart Media Card) is a detachable memory card independent from the internal memory for expansion of memory capacity.

Note: SMC shall be formatted before use (refer to page 11 for the formatting method).

1) How to insert SMC into the slot

(1) As shown in the figure below, direct the clipped corner of the memory card to the left top of the slot, and insert the card after verifying the direction.

(2) Turn power on, and make sure that SMC icon is displayed on the LCD display.

2) Precautions during use of SMC

- Format SMC before initial use.
- Never remove the card during its playing. Data stored in the card may be damaged, and this may cause malfunction of the player.
- The card is relatively thin and may subject to brittleness. It is recommended to keep the card in a rigid case.
- The metal surface on the front of the card is connected with the circuits inside the player. Handle with care.
- With silver circle sticker provided with SMC, writing on the memory is prevented. Remove the sticker before download -ing and formatting.

16

Chapter 3. Specifications and Features of Product

1. Specifications of product

   1) Memory
      - Internal memory : 64MB/128MB
      - External memory (SMC) : 16MB/32MB/64MB/128MB
   2) Battery   : 1.5V x 1EA(AAA)
   3) Playing time   : 9hours
   4) Dimensions/Weight : 60 x 60 x 15 mm/45g (without battery)
   5) Interface Port   : USB
   6) Download Speed : 3.2Mbps

2. Features of product

   1) Huge memory capacity up to 256MB(3-hours storage) with internal flash memory (64MB/128MB) and external Smart sMedia Card (SMC 16MB/32MB/64MB/128MB).
   2) Extra compact and lightweight.
   3) Easy and convenient program installation and product use.
   4) 1-Band EQ function (Adjustable bass and treble level.)
   5) Auto Repeat mode plays all files or only 1 file.
   6) Quick Wind mode detects the desired play area.
   7) Easily carried using necklace string bundled.
   8) Stores not only MP3 files but also all kinds of PC data. Use it as data storage media (diskette substitution).
   9) Download MP3 type language learning files through the Internet or PC communication media to learn languages with out limitation of time and space. In addition, maximize learning effects by using the automatic repeat mode.
   10) Durable and resistant to external impact. Enjoy good quality sound even during excessive exercise and movement.
   11) Use semi-permanently without any mechanical failure be cause there are no mechanical devices necessary to re place tapes or CDs.

17

Q1. PC and the player is not connected and there is message, "USB fail", "Can not open USB Driver", "install USB Driver?"

1. Check if you turned the power on, and connected the player to PC with cable properly. If the connection is correct, the LCD displays "C".
2. Press F5 or Refresh button for reconnecting.
3. Check the USB drive for correct installation with the methods described below:

How to verify

Double click Control Panel, System, Device Manger and USB (Universal Serial Bus) Controller in the order, and verify there is Buslink USB Driver on the window.
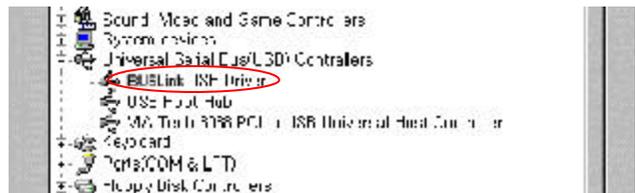
If there is no USB item, contact the sales point where you purchase your PC.

If there is no Buslink USB Driver, manually install the USB Driver as in the methods described below:

18

How to manually install the USB Driver

1. Select Add New Hardware from Control Panel.

1) Select "No(N), Select Hardware list" from Menu.

2) Select the "USB Controllers"(Universal Serial Bus) of the hardware.

3) Press "Have Disk" button.

4) Select the drive and the path having the installation CD-ROM, select "BuslinkUSB. inf" file, and then press OK button.

5) Select "Buslink USB Driver", and press Next button to complete installation.

19

How to install the USB Driver for Windows XP manually

The figure below will show up on the Menu Bar after installation of Manager Program and cable Connection.
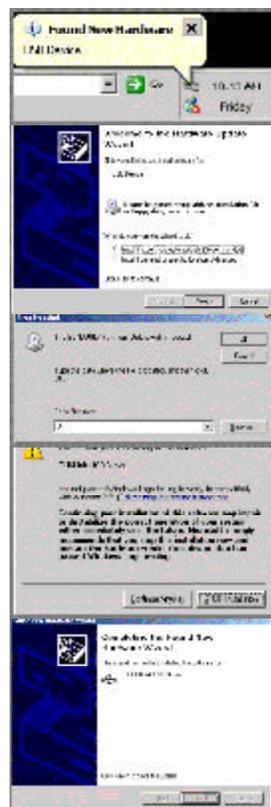
1) Press "X" button of the window which indicates new hardware found and then the left window will show up.

2) Press "Next"

3) Press the "Browse" button and locate the path in "Buslink install" CD or the folder in which "Buslink.sys" exists, and press "Open", then, press "Next".

4) Select "Buslink.inf" in the list and press "Next".

5) Even if the warning message encountered as shown beside, please proceed the installation(OS will not be affected by it).

6) Left figure will show up if installation is completed, and press "Finish" to exit installation procedure.

Q2. MP3 files are not downloaded.

1. Verify that the capacity of the memory is correctly indicated on the manager. Format the memory, and try downloading again.

2. Format with "Format with erase" function on "Player Memory" menu.
   Caution!!
   Do not format SMC with "Format with erase" function as you can not use the formatted SMC with other device such as digital camera.

Q3. Downloaded files are not played.

1. Make sure of capacity of the battery.

2. Verify that the downloaded files are MP3 (Layer-3 MPEG 1) files.

3. Verify that the sampling bit rate of the downloaded file is in the scope between 128K and 256K/bit.

Q4. Can not download to SMC memory.

1. Please initialize the external(SMC) memory.

2. If there a silver sticker on SMC, please remove as it is the tab to prevent writing on SMC memory.

Q5. There is yellow warning message on " Buslink USB Driver" which is in Control Panel - System - Device Manger.

1. Install Buslink USB Driver by manually. (Refer to the page19)

2. If you are using USB Port with other device, please remove and connect player first and connect other devices.

Q6. An error message "Parallel port error" is displayed when connecting.

You installed the program for parallel product. Please uninstall with "Buslink Manager remover" and re-install with USB program.S

20

Chapter 5. Precautions

1. Load the battery after verifying the polarity (+, -). Loading the battery in wrong polarity may cause trouble of the player.

2. Dropping or applying significant impact to the product may cause trouble in functions of the product.

3. Do not expose the product to the sunlight for an extended period, and do not keep the product in a sealed space or in the vicinity of heating devices. The player may be deformed or discolored when keep the product in a place subject to high temperature such as inside of an automobile parked in an outdoor parking lot.

4. Do not use or keep the product at a cold or a humid place (e.g., bathroom).

5. There is no component serviceable by user inside the product. Please contact the service center of AMAC Information and Communication for repair.

6. Use lint-free and dry cloth to clean the product. Never use chemi cals (benzene or organic solvent such as thinner) for cleaning.

7. Pay special attention to prevent the product from being intro duced with foreign materials (e.g., water and beverage).

8. Deleted MP3 files cannot be recovered. Delete the file only if you are affirmative.

MEMO

MEMO