## 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 ofand 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.

## NOTE

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment.Such modifications could void the user°Øs authority to operate the equipment.

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.

**GGKAISER**

http://www.ggkaiser.com

36dong 301ho #1364 Shiwha industrial complex
jungwang-dong Shiheung-City Kyungki-Do KOREA
TEL : 82-31-430-7150
FAX : 82-31-430-7152
E-Mail : GGkaiser@ggkaiser.com

User
# Manual



digital
MP3
Player
**Wireless Voice Record**
**KOMACHO-VT**

# CONTENTS

# 1. Getting Started

## Product Features

**Wireless (RF Function)**
This function is sending & receiving audio file with radio frequency by using the bandwidth of 88MHz~92.5MHz, with this function you can enjoy the audio file with your car audio, home audio and FM radio, etc by receiving the frequency sent by the RF Function.

**Hard Drive**
This is a convenient function where the unit can be connected to a PC by a USB cable, creating a 'Removable Drive' that can be used like a regular hard drive

**Recording**
Records in MP3 format to store and playback.

**Built-in Speaker**
You can hear audio file through the built-in speaker.

**Lecture Study**
Five playback speed variable adjustments & sectional playback functions for helpful lecture use.

**Real Time MP3 Encoding**
Output from CD audio can be converted into MP3 format, stored, and played back by connecting the LINE IN port, without the need of a PC.

**Multi-format Digital Audio**
Supports storage and playback of MP3, WMA, and ADPCM file types.

**GVF Format**
As a format designed exclusively by GGKAISER for voice files, GVF offers high audio quality and output rate of 6KBit.

**FM Radio Reception & Recording**
FM radio signals can be received and directly recorded in MP3 format.

**VAD (Voice Activity Detection)**
Records only when sound is detected and pauses when sound is not detected any longer: this function minimizes file size and reduces memory use.

**Variable Bit Rate Configuration**
This function allows the user to adjust the bit rate during sound or LINE IN recordings, adjusting sound quality and effectively managing memory.

**Firmware Upgrade Support**
This function connects to GGKAISER's website and downloads the latest software version to keep your unit updated.

## Enclosed Items

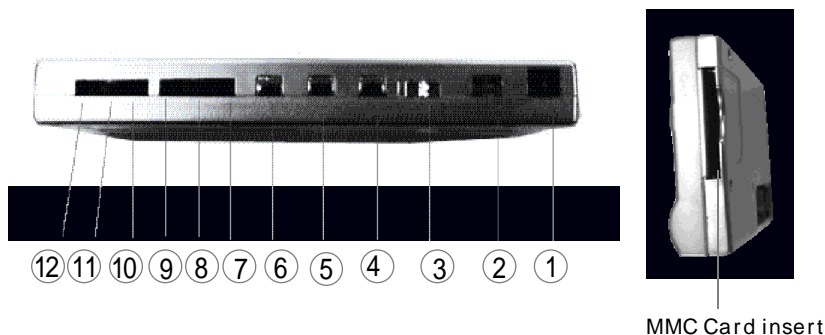| | |
|---|---|
| 1. KOMACHO-VT | 4. 2 X AAA Battery |
| 2. Neck Strap | 5. Earphone |
| 3. A/V Cable | 6. USB cable |

**Tip**

Using the Neck Strap
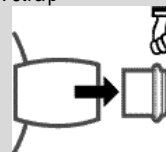
Press and pull to remove.

**MMC Card insert**

1. DC Jick button
2. USB button
3. HOLD
4. RF button
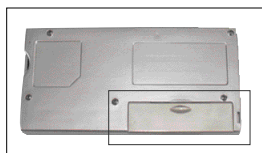5. Voice quik button
6. MENU
7. DOWN button
8. STOP
9. Up
10. REW
11. PLAY, POWER
12. FF

## Inserting Batteries



🔘 Open the cover on back of the unit and place AAA× 2EA batteries.

Warning! Always check the +/- markings on the batteries when inserting them into the player.

## Getting Started

🔘 Before using the player, connect to the download site in GGKAISER's homepage (www.ggkaiser.com) and download/install a USB driver compatible with your PC. (Refer to the Installing USB Driver section of this manual)

**Tip**

Installation is required for WIN98/SE only.
WINME/2000/XP will automatically install without prompting.

🔘 Insert batteries into the player, then press the PLAY button to power it on.

🔘 Connect the PC and the player via a USB cable. ('Mass Connect' will display on the LCD)

🔘 Access the 'My Computer' folder to find a newly created 'Removable Drive.' Use in the same manner as a regular hard drive to quickly and conveniently up/download music files..

🔘 Disconnect the USB cable.

🔘 Press the PLAY button to playback music.

🔘 Connect the earphone to the player and enjoy high quality music!

# 2. Basic Functions



🔘 **Powering ON**
To power on, hold down the PLAY button for 1 to 2 seconds.

🔘 **Powering OFF**
To power off, hold down the STOP button for 3 seconds. The LCD will indicate Power Off, and the unit will power down.

**Tip**

The player will not power down if it is connected to a PC via a USB cable.
The player will power down automatically if no input has been made in 2 minutes under STOP mode.

#### Volume Control
Press the MENU button while in PLAY mode to have VOL indicated on the LCD. Adjust the volume by pressing the UP/DOWN buttons.

#### Equalizer
Press the MENU button while in PLAY mode to access the Equalizer function. Select a preset (Rock, Classic, Jazz, Pop, and Norm) by using the UP/DOWN buttons.
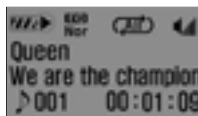
#### Bass Control
Press the MENU button while in PLAY mode to have BASS indicated on the LCD. Adjust the volume by pressing the UP/DOWN buttons.

#### Treble Control
Press the MENU button while in PLAY mode to have TREBLE indicated on the LCD. Adjust the volume by pressing the UP/DOWN buttons.
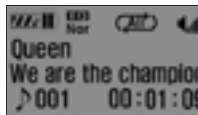
# 3.Playback Mode

#### Playing Back
Press the PLAY button while the power is ON to start playback.

#### Track Selection
Press the UP/DOWN buttons while power is ON to select track.

#### STOP/PAUSE
Pressing the STOP button while in PLAY mode will stop playback. Pressing the PLAY button while in PLAY mode will pause playback.
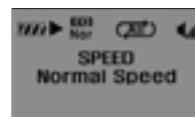
#### REPEAT Mode Configuration
Press the MENU button while in PLAY mode to convert to RPT mode. Select by using the UP/DOWN buttons.

# 4.Portable Language Lab

#### 5 Speed control

**Tip**

| | | |
|---|---|---|
| Play a random track and stop | | Repeat only the tracks in selected folder |
| Play once and stop | | |
| Repeat selected track | | Repeat all tracks |

#### Adjusting Playback Speed
Press the MENU button in succession in PLAY mode to access SPPED. Press the UP/DOWN buttons to select from five playback speeds (SLOW1, SLOW2, SLOW3, SLOW4, and NORMAL).
When the desired speed is indicated, the unit will perform playback in that speed without having to press any buttons.
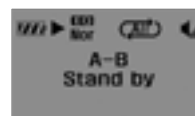
#### Sectional Repeat
When in [A - B] mode during PLAY menu, press the MENU button at the desired starting point of the section to be repeated. [A-B] will indicate and pressing the UP button will start playback, indicated by the blinking [A   B] icon.

Press the UP button again at the end point of the section. The [A   B] icon will seize to blink and sectional repeat will start.

To cancel the selected repeat section, press the STOP button. Sectional repeat will cancel as indicated by the disappearance of [A   B], and normal playback will resume.

# 5. Wireless (RF Function) Mode

#### Sending & receiving audio file through RF Function
To send an audio file, press RF button in succession in PLAY mode, press UP/DOWN buttons by degree in 0.1MHz from 90MHz preset to select the best frequency, by setting the same frequency with your FM radio in car audio or home audio, they receive the frequency sent by the RF and you can enjoy the high-quality audio file through the radio speaker.
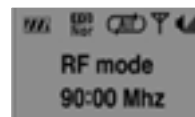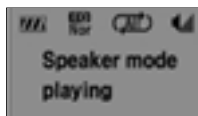
**Volume Control**
Control volume by adjusting it with the receiving FM radio or
the sending player itself.

# 6. Recording

**1) Quick Record**
Pressing the MENU button for two seconds in STOP mode will
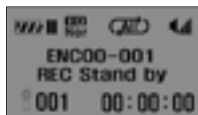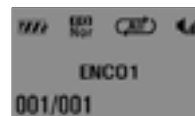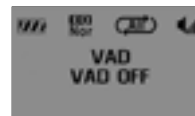access the RECORD mode and the REC Stand by status.
Pressing the STOP button will create file designations in
ENC01.02 order and the files will be stored.

**Tip**

Before recording, the following options necessary in
recording must be configured by pressing the
MODE button in STOP mode:
· VAD
· Source
· BIT RATE
· Mute Level
· Sampling Frag
· MPEG Mode
· Channel Mode
· Recording method can be set.

**Record Pause**
Pressing the PLAY button while recording will pause it.
Pressing it again will resume recording.

**Record Stop**
Press the STOP button when recording is completed to stop it..

**Selecting a Recorded File**
Use the FF/REW buttons as would when searching for tracks to
select a recorded file.

**Playing Back a Recorded File**
Press the PLAY button after making a selection to listen to the
recording.

**Configuring VAD (Voice Activity Detection) Recording**
VAD records only when sound is detected and pauses when
sound is not detected any longer: this function minimizes file
size and reduces memory use.

Press the MENU button in STOP mode to select 'VAD OFF"
Use the UP/DOWN buttons to select VAD ON/OFF.

**Tip**

**VAD OFF** : Normal recording mode that records all
silent sections as well
**VAD ON** : Memory saving mode that only records
sections with sound

**Recording Quality (Bit Rate)**
Record file's bit rate can be adjusted to suit recording purposes
(extended recording,high quality, and etc.). Lower bit rates allow
longer recordings but fall in record quality. Higher bit rates allow
higher recording quality but fall in record length.

## VOICE Bit Rate Adjustment

Select 'Bit Rate 32kbps' by pressing the MENU button in STOP mode. Select a bit rate value using the UP/DOWN buttons.
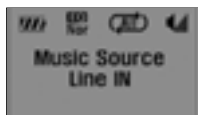
**Tip**

Record Lengths by Bit Rate Levels (based on 128MB memory capacity)

| Bit Rate(Kbps) | 08 | 16 | 24 | 32 | 40 | 48 | 56 | 64 | 80 | 96 | 1125 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Minute | 2106 | 1080 | 720 | 540 | 432 | 360 | 312 | 270 | 216 | 180 | 156 |

For general use, please select 32kbps

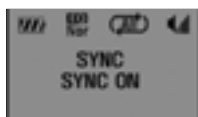## 2) LINE-IN Recording Mode

### LINE-IN Recording Configuration

Press the MENU button in succession in STOP mode to access Music Source. Pressing the UP/DOWN buttons will display 'Line-in' on the LCD. Connect the LINE-IN cable and long-press the MENU button to begin recording.
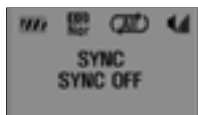
SYNC OFF: Records from start of LINE-IN recording until the STOP button has been pressed as one single file.
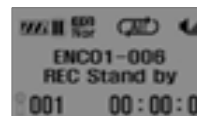
SYNC ON: Automatically divides LINE-IN source tracks to record each section as a separate file.
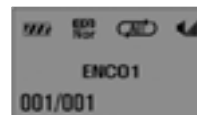
### LINE-IN Audio

### Starting LINE-IN Recording

First, connect the audio connecting (LINE-IN) cable. With the external source playing back, long-press the MENU button to start recording.

### Pausing LINE-IN Recording

Press the MENU button while recording to pause.

### Ending LINE-IN Recording

Pressing the STOP button to complete the recording process will display the number of file (ENC01...) recording has been made onto and that file will be stored in memory.

### Playing Back LINE-IN Recording

Select a file by using the UP/DOWN buttons, then press the PLAY button to start playback.

### Configuring Silence Detection Level

This is used to configure the sensitivity in detecting the silence between tracks in SYNC MENU.
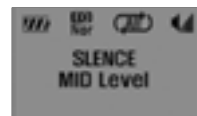
Press the MENU button in succession in STOP MENU to access SILENCE MID. Use the UP/DOWN buttons to select a desired LEVEL.

**Tip**

Configuring Silence Detection Level
SILENCE HIGH - Set sensitivity high when silence level bet ween tracks or if there's minimal noise.
SILENCE MID - Select when making general recordings. (default)
SILENCE LOW - Set sensitivity low when silence level is high or if there's large amount of noise.

Recording may not be made if the sound source is too low

### Configuring Sampling Frequency for External Source Recordings

Press the MENU button in succession in STOP mode to access Sampling Freq. Use the UP/DOWN buttons to select sampling frequency.

# 7. Speaker Mode

Speaker mode
playing

**How to Listen through the built-in speaker mode**
on the stop. press MENU BUTTON and select SPEAKER
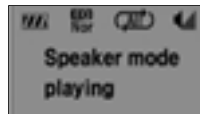mode by edjusting with FF/REW button, then select SPEAKER
on by adjusting with UP/DOWN.

**How to off SPEAKER MODE**
Press STOP BUTTON and select SPEAKER OFF at the
MENU MODE.

*Basic setting is SPEAKER OFF.

# 8. FM Mode

FM Radio
Enter PLAY

**Listening to FM Radio**
Press the MENU button from STOP mode to select FM.  Press
PLAY to listen.

FM Radio 1
99.300MHz

**Setting FM Radio Frequencies**
While listening to the radio, press the PLAY button to access
the PRESET control mode. (PRSET number will blink)
Adjust the frequency by using the UP/DOWN buttons, then
long-press the PLAY button to set that frequency to the
PRESET at hand.

UP    STOP    DOWN

**Locating Set Frequency**
Use the UP/DOWN buttons in FM mode to locate set
frequencies.
The UP/DOWN buttons are used for frequency adjustment in
PRESET mode.

ENCOO-001
Recording
001    00:00:01

**Configuring FM Recording**
To record from an FM source, press the MENU button while in
FM mode to access RECORD Stand by.  Press the MODE
button again to begin recording.  Another press of the MODE
button returns to Stand by. Press the STOP button to
automatically store the data recorded until that point.

# 9. Memory Management

**File Erase**

**Erasing a Single File**
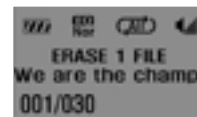
ERASE 1 FILE
We are the champi
001/030

Press the MENU button in succession in STOP mode to access
'Erase 1 File.'  Use the UP/DOWN buttons to select the number
of the file to be erased. Pressing PLAY will indicate 'Erase1.'
Pressing PLAY again will prompt 'Wait! File Erase' and that file
will then be erased.
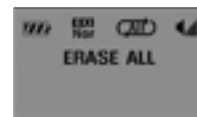
**Erasing All Files**

ERASE ALL

Press the MENU button in succession in STOP mode to access
'Erase ALL" Pressing PLAY again will prompt 'Wait! Erase ALL'
and all files will then be erased.

**Memory Format**

FORMAT
INT FLASH

Press the MENU button in succession in STOP mode to access
'Format" Pressing PLAY will prompt 'INT Flash' and pressing it
again will prompt 'Format "Yes or No" Press the PLAY button to
format ('Formatting' will appear on the LCD) or the STOP button
to cancel.

**Memory Usage Indicator**
Press the MENU button in STOP mode to access "MEMORY-
INT" Use the UP/DOWN buttons to verify current status,
memory available, and total amount.

# 10. Installing USB Hard Drive

🔲 **Connecting a USB Cable**
*Connect the PC and the player via USB cable first*

When not powered, this product utilizes the PC's power source when connected to it by a USB cable.

🔲 **Installing USB Driver**

🔲 **Installing Windows 98 USB Driver**
Download the Wind98 Driver from the Client-Support section of our homepage (www.ggkeiser.com).
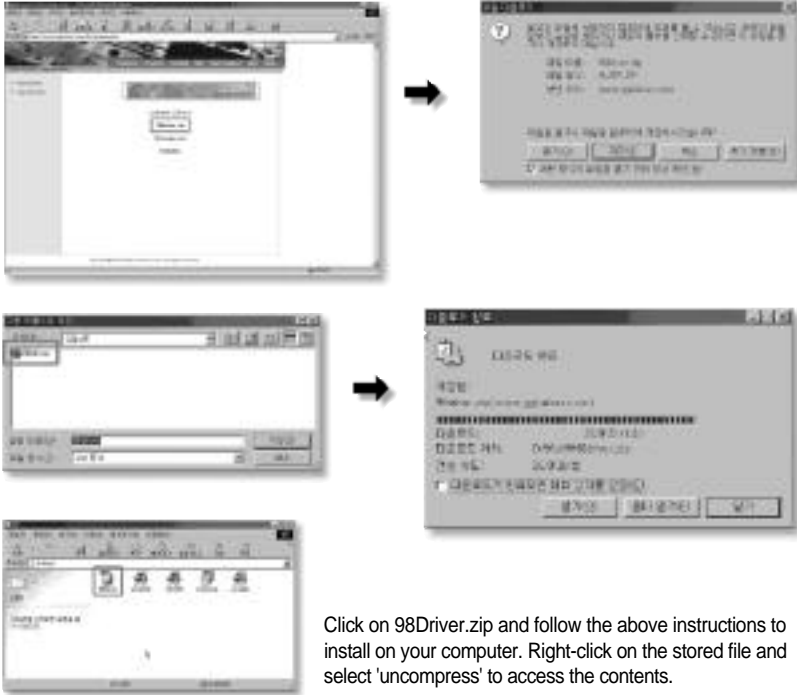
Click on 98Driver.zip and follow the above instructions to install on your computer. Right-click on the stored file and select 'uncompress' to access the contents.

98Driver folder will appear as shown above when the file is uncompressed.

Within the created folder, the following four files will be available.

🔲 With the product (player)'s power turned on, connect it to the PC with a USB cable.

When the cable is connected, driver search will automatically run. (If driver search does not automatically run, select Add Hardware from the Control Panel) Click Next and install as shown below

Click Next and select the driver as shown below .

If 98Driver appears on screen as below, click Next.

After selecting the driver as shown above, click OK complete the installation procedure.



Accessing the My Computer folder after completing the installation will reveal a Removable Disk folder.
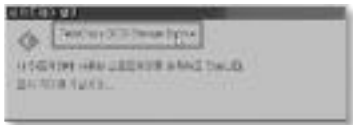




When installation is performed as instructed above, the system will seek the Telechips USB Mass Storage Device as shown below



Click on Search to find and install the driver following the steps outlined below



The driver has been successfully installed if Telechips USB Driver is indicated under Device Manager, Hardware, Control Panel.

**Note that uploading and downloading file should be done after removing an earphone cable.**

# 11. Using the USB Hard Drive

Using the usb drive as you would a normal hard drive will allow you to freely up/download whenever desired.

# 12. Firmware Upgrade

Please refer to GGKAISER's website.

# 13. Customer Support

### Cautions

Do not drop or expose it to severe shock.

Avoid the following locations:
1) Externals may deform if left in places of 60 C or higher.
2) Externals may deform is left in direct sunlight or near heating devices.
3) Humid or moist spots can be critical for electronic products.
4) Dusty locations.

Do not apply excessive force on the LCD.

Placing credit cards, bank cards, or any other magnetic cards near the player may affect its magnetic properties and hinder the unit from operating.

GGKAISER will not be held responsible in whole for compensation demands for damage caused from use of the unit or by a third party.

GGKAISER will not be held responsible in whole for loss of file contents arising from breakdown, repair, and other miscellaneous reasons.

Remove the batteries when the unit is not in use for an extended period of time.

Use soft cloth to clean the product, avoiding chemical cleaning products.
(May cause deformation in the unit's externals or its color)

Do not disassemble, repair, or modify the unit at your own accord.

] Please ensure no external matter reaches inside the unit.
Moisture or external matter inside the unit will critically damage it.
If water or liquids reach inside the unit, remove the batteries and/or disconnect the power adapter and contact GGKAISER (**Customer Support** 031-430-7150).

### Safety Precautions

1. Do not handle the adapter with wet hands. There's a risk of electrical shock.
2. Listening to music for extended periods of time in high volume settings may damage hearing.
3. Do not disassemble, repair, or modify the unit at your own accord.
4. If smoke arises from or excessive heat is generated by the unit, immediately remove the batteries and/or disconnect the power adapter.
5. Please refrain from using the unit in hospitals and airplanes.
6. Listening to music through the earphone at high volume settings when operating bicycles, motorbikes, and vehicles may cause accidents.

### Please Check Below Before Inquiring

The unit will not operate and nothing displays on the LCD window.
Check battery positions.
Change the batteries with new ones.
If the batteries are rechargeable, try again after recharging.

There's no sound when playing.
Make sure that music file is available in the unit.
Check the volume setting.
Check the earphone connection.

The buttons do not work.
Has the player been exposed to shock?
Remove and replace the batteries.
If the problem persists still, contact us.

Downloading does not work.
Check the USB cable connection.
Has the USB driver been installed properly?

## Specifications

**Model : KV - 200T**

Internal Memory: 128MB / 256MB / 512MB (Memory capacity is indicated on the box at time of purchase)
LCD Character Display: Multi Lingual Support (Built-in backlight)
Down/Upload Speed: Maximum 6.4Mbps

### MP3 Decoding
Supports MPEG 1/2 Layer 3 Including variable Bit rate)

### MPEG 1 Layer3 : 16KHz/22.05KHz/24KHz
8,16,24,32,40,48,56,64,80,96,112,128,144,160 Kbps
MONO/STEREO MODE(Variable Bit rate)

### WMA Decoding
Supports High Bit Rate version.  Middle Bit Rate version
Bit rate: 32Kbps to 192Kbps

### MP3 Encoding
MPEG 1/2 Layer 3 Supports Including variable Bit rate (up to 256Kbps)
Sampling Frequency: 48KHz, 44.1KHz, 32KHz, 22.05KHz, 16KHz, 8KHz
MP3 Encoding: 8Kbps to 256 Kbps
Earphone Output: 103dB
Signal to Noise Ratio: Over 80dB (without filter)
Playback Time: Over 14hours FM: Over 20hours
Recording Time: Over 16hours (Based on 128MB memory at 16Kbps encoding)
Line-In Recording Time: Over 2hours (Based on 128MB memory at 128Kbps encoding)

### PC Interface: USB

### Power: AAA× 2  3V

### Dimensions: 51mm× 103mm× 12mm(W× H)

### Weight: 53g (without the battery)

# Product Warranty

## Regarding Service

1. This product is the result of stringent quality management and testing procedures.
2. Breakdowns that arise under normal use within the warranty coverage will be serviced at no additional charge.
3. Services that fall under chargeable categories will be subject to payment even under warranty coverage period.
4. This warranty is effective in country only.
5. Product warranty term for commercial use (commercial activities, abnormal use) of this product is six months.
6. Please store this warranty at a secure place.
7. When problems arise with the unit, contact the vendor or the Customer Support Centre.

| Product | KOMACHO – VT | Model | KV–200T |
|---|---|---|---|
| Purchase Date | | Warranty Period | |
| Vendor | | Purchase Price | |
| Customer Information | | | |
| Name | | Phone Number | |
| Address | | | |

## Services at a Charge

Breakdowns caused by negligent use, internal modification by the user, and natural disasters.

### Customer Support & A/S Inquiry

**Please contact our Customer Support Center for any inquires.**
**Phone: 82-31-430-7150**

E-mail : ggkaiser@ggkaiser          Http : //www. ggkaiser.com