Inovalley

CHAINE RETRO
RETRO HIFI SYSTEM
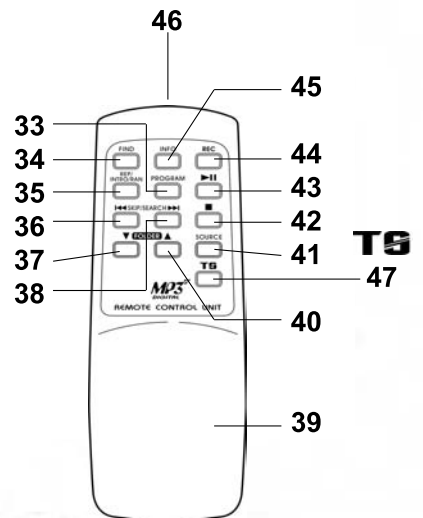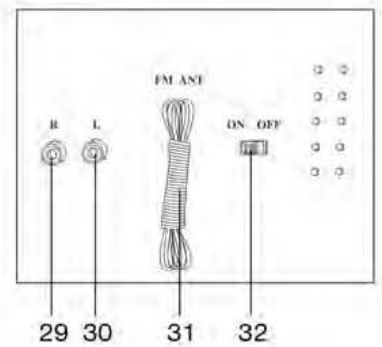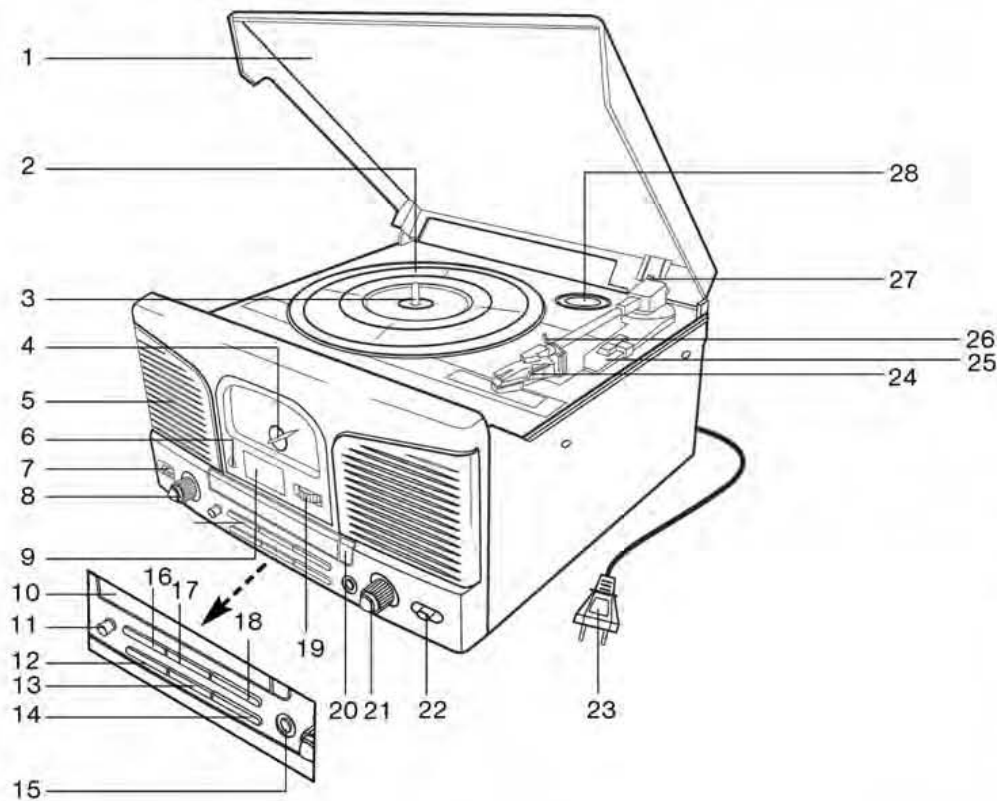
Ref. RETRO 03

Platine Disque / CD / MP3 - Turntable / CD / MP3

USB   MP3 PLAYBACK   ENCODE   TURNTABLE   COMPACT disc DIGITAL AUDIO

TABLE OF CONTENTS

CONTROL ELEMENTS

Unit

1. Cover
2. Turntable
3. Record Pick-up
4. Frequency display (displays select band)
5. Loudspeaker (both sides)
6. Indicator light **FM ST.** (lights up if a radio station is received in FM Stereo)
7. **USB** port (connection for external USB devices)
8. Volume Control **VOLUME** (adjust volume)
9. LCD screen
10. CD compartment
11. Key **X bass** (amplify bass)
12. Key **REP/INTRO/RAN** (repeat, intro, random repeat)
13. Key **FOLDER UP** (search folder for MP3/WMA CD's)
14. Key **SKIP** |◀◀ ▶▶| (search for title)
15. Headphones socket **PHONES**
16. Key **RECORD** (from LP or CD to USB)
17. Key **SOURCE** (switch between CD/USB mode)
18. Key ▶ II/ ■ (playback/pause/stop)
19. Dial **TUNING** (setting the frequency)
20. Key CD compartment
21. Switch **OFF/PHONO/CD-USB/TUNER** (select mode)
22. Switch **BAND AM/FM/FM-ST** (select band)
23. Power cord and power plug
24. Handle of sound pick-up
25. Switch **33/45/78** (set LP speed)
26. Lock for sound pick-up

27. Hinge for cover
28. Adaptor for single records
29. Cinch connector **LINE OUT R** (socket for external connection)
30. Cinch connector **LINE OUT L** (socket for external connection)
31. Dipole Antenna
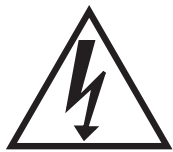32. Switch **AUTO STOP ON/OFF** (automatically switch off record playback)

Remote Control

33. Key **PROGRAM** (program titles)
34. Key **FIND** (search for titles)
35. Key **REP/INTRO/RAN** (repeat, intro, random repeat)
36. Key **SKIP/SEARCH** |◀◀ (search for title)
37. Key **FOLDER** ▼ (search for folder for MP3/WMA CDs)
38. Key **SKIP/SEARCH** ▶▶| (search for title)
39. Battery Compartment (Rear of unit)
40. Key **FOLDER** ▲ (search for folder for MP3/WMA CDs)
41. Key **SOURCE** (switch between CD/USB mode)
42. Key ■ (pause playback)
43. Key ▶ II (Playback/pause)
44. Key **REC** (from LP or CD to USB)
45. Key **INFO** (display tags of MP3/WMA)
46. Infrared sensor

47. Track separation (by remote handset)
You can divide the recording music from phono to USB/SD track by trace during encoding. Every time when press the "**TS**" (track separation) button once at remote handset during encoding from phono to usb/sd, the system will generate a new track and continuous the recroding. The text " phono " at lcd display will flashing one time, it mean the unit is creating a new track successfully.

3

SAFETY INFORMATION

1. Carefully read all instructions and safety information prior to operating this unit.
2. Please comply with the warnings printed on or inside the unit and in this manual.
3. Please store this user manual within reach so as to be able to read it when necessary.
4. When passing this unit on to third parties, please also pass along this user manual.
5. Protect this unit from extreme heat (higher than 35°C) and cold (under 5°C), direct sunlight and dust.
6. This unit is intended only for use in temperate climates, avoid use in tropical or very humid climates.
7. Do not place objects with open flame, e.g. candles, on top of this unit.
8. Protect this unit from any water, i.e. even splash water and humidity.
9. Do not place any objects filled with water, e.g. vases, on top of this unit.
10. Prior to connecting this unit to the power outlet, please confirm that the power voltage and type correspond to the requirements listed on the type plate.
11. Never use this unit near water, e.g. bath tub, sink, washstand, buckets, in a wet basement or near a swimming pool. Danger to life through electrocution!
12. In case of an emergency, immediately disconnect the plug from the power outlet.
13. Avoid damaging the power cord through bending or contact with sharp edges.
14. Regularly monitor the unit as well as the power cord for possible damages. If the power cord or power plug is damaged, have the damaged part replaced by a professional since this requires specialised tools.
15. Do not open the unit casing under any circumstances.
16. Do not attempt to repair the device yourself. Please contact a qualified customer service staff or your specialist dealer for repair and maintenance.
17. Always keep a distance of at least 5 cm on all sides of the unit to ensure sufficient air ventilation.
18. Avoid areas with insufficient ventilation (e.g. in book cases, behind curtains, between pieces of furniture).
19. Please ensure sufficient ventilation. Do not cover vents, e.g. newspapers, table cloths, curtains, etc.
20. If the unit is not used for a long time, disconnect the power plug from the power outlet.
21. Always pull on the plug, never on the cord.
22. The unit must be switched off prior to disconnecting the power plug.
23. When using headphones, do not continuously listen to high volume, this can cause irreparable damage to your hearing.
24. Please be particularly careful if children operate this unit.
25. The CD player is a Class I Laser Product. It works with invisible laser beams that can be harmful to the eye. The unit is equipped with safety installations, which will prevent laser radiation outside of the unit. It is not permitted to damage these safety installations.
26. In case the power connection of this unit is damaged, it must be replaced by the manufacturer, the manufacturer's authorized service centres or similar qualified personnel, to avoid hazards.
27. Please dispose of used batteries in an environmentally friendly manner.
28. **Attention:** in the event of a malfunction based on electrostatic discharge or electrical fluctuations, please reset the USB device by disconnecting it from the unit.
29. **Attention:** in case of a malfunction based on electrostatic discharge and electrical fluctuations, reset the unit by disconnecting it from the power network.

Environmental protection

■ Do not put your used batteries, nickel cadmium, rechargeable, round cell or starter batteries in with your household rubbish. Take them to an appropriate disposal/collection site.

The symbol opposite indicates that the electric and electronic components are the subject of a selective collection, it represents a dustbin on wheels barred of a cross. The electric and electronic products can contain substances having negative effects on the environment and health.   Worn, they should not be thrown with domestic waste but to be imperatively recovered in the selective collections: dump, associations of social economy and interdependent.
The selection of waste decreases the potential effects on the environment and human health due to the substances dangerous which can compose certain components electric and electronic.   Take an active part: to remove you not from the apparatuses with domestic waste!

PRIOR TO INITIAL STARTUP

Unpacking your unit

■ Please be careful when unpacking your unit. Do not destroy the cardboard box or any other packaging material, store it for possible later transport or return in case of a repair or reconditioning.

Preliminary note

■ Many functions can be accessed using the remote control. To help gain a clear overview, the function numbers for the remote control are identified with an **F** in front of the number of the function.
Example: **(F: XX)**.

POWER SUPPLY

■ The unit is designed for a voltage of 230 V~ 50 Hz. Connect the power plug **(23)** to a suitable power outlet.

REMOTE CONTROL

■ **Insert and replace batteries:**

Open the lock of the battery compartment **(F: 39)**, located on the bottom of the remote control and remove the battery compartment cover. If required, remove old batteries and insert two new batteries of type 1.5 V LR3/R3/AAA (not included) into the battery compartment.

■ Please comply with the correct polarity (+/-) as shown inside the battery compartment. Close the battery compartment.

■ Always point the remote control or infrared sensor **(46)** toward the infrared receptor **R**, located on the unit.

■ Only use batteries as stated or similar.

■ Only use high-quality batteries. Low quality batteries can leak battery fluid and damage your device. Never mix old and new batteries or batteries of a different type.

■ If batteries ever leak, remove them from the battery compartment using a cloth and dispose of them according to regulations. Avoid contact of the battery acid with skin or eyes. If battery acid ever does come into contact with your eye, please rinse with water and immediately contact a physician. In case of contact of the battery acid with your skin, immediately wash with water and soap.

■ **Note:** if the device is not used for a long period of time, please remove the batteries. Otherwise, leakage may damage your device. If the performance of your device weakens, please replace all batteries.

BASIC FUNCTIONS

Switching the unit on/off

■ Push the switch **OFF/PHONO/CD-USB/TUNER (21)** into the position

- **TUNER** to listen to the radio,

- **PHONO** to listen to records,

- **CD/USB** to listen to CD's or songs from an external USB device.

If the switch is pushed to the position **PHONO** or **CD/USB**, the LCD screen **(9)** will light up.

■ Push the switch **OFF/PHONO/CD-USB/TUNER** into the position **OFF** to switch the unit off.

Note: If the switch **AUTO STOP ON/OFF (32)** is in position **OFF**, the turntable will start turning as soon as the switch **OFF/PHONO/CD-USB/TUNER** is pushed into the position **PHONO**.

Volume

■ Turn the volume dial **VOLUME (8)** clockwise to increase the volume or counterclockwise to decrease volume.

Headphones Socket

■ Stereo headphones or earphones (not included) with a 3.5 mm phones jack can be connected to the headphones socket **PHONES (15)**. The loudspeakers **(5)** will be automatically switched off.

Bass amplifier

■ Push the key **X-BASS (11)** to amplify bass. This function is particularly helpful when listening to low volume. Do not use it with high volume so as not to damage any connected headphones or your hearing. Push the key once more to switch the function off.

RADIO OPERATION

■ Push the switch **OFF/PHONO/CD-USB/TUNER** to the **TUNER** position. Use the switch **BAND AM/FM/FM-ST (22)** to select the desired band **AM**, **FM** or **FM ST**.

Select Radio Station

■ Use the dial **TUNING (19)** to select a desired radio station.

■ The set frequency is displayed in the frequency display **(4)**.

■ For stereo reception, the indicator light **FM-ST (6)** will light up. For stereo reception, the switch **BAND AM/FM/FM-ST** must be in the **FM-ST** position.

■ Push the switch **OFF/PHONO/CD-USB/TUNER** to the **OFF** position to switch the radio off.

ANTENNA

■ The device is equipped with a telescope antenna **(31)** for FM reception. For best possible reception, fully open the antenna.

■ For AM reception, a beam antenna is integrated into the unit. This antenna must also be adjusted to the best position. For weak radio stations, reception can be improved if the unit is turned to the optimum reception position.

PLAYING RECORDS

■ Remove the protective cap from the sound pick-up prior to using the unit. After use, replace the protective cap.

■ Open the cover (1).

■ Clean the record with a commercial cleaning cloth for records.

■ If dust has collected on the needle, clean the needle with a cleaning brush.

■ If you would like to play "singles" (45s), first insert the adapter (28) into the record pick-up (3). LP's can be placed directly onto the record pick-up.

■ Insert the record into the record pick-up. Please be sure that the side to be played faces up. Avoid touching the record with your fingers to avoid soiling the record. Such stains will be become audible during playback as background noise.

■ Set the switch 33/45/78 (25) to the speed required for the record you would like to play. The correct speed should be marked on your record label.

■ Lift the lock (26) of the sound pick-up toward the right.

■ Now grab the sound pick-up with thumb and index finger on the handle (24) and carefully move it over the record. If the switch **AUTO STOP ON/OFF** is in position **ON**, the turntable (2) will start turning as soon as the sound pick-up is moved toward the turntable.

■ Now carefully lower the sound pick-up at the outer edge of the record (starting groove). Moving the sound pick-up across the record should be avoided, since this causes damage to the record and the needle.

■ The record is now played back, the sound pick-up slowly follows the groove of the record towards its centre.

■ Once the sound pick-up is near the centre of the record, the motor of the turntable will switch off if the switch **AUTO STOP ON/OFF** is in position **ON**. Playback stops automatically. If the switch **AUTOSTOP ON/OFF** is in the **OFF** position, playback is not automatically stopped.

■ Now grab the handle of the sound pick-up with thumb and index finger and carefully move it back to its support.

■ Now turn the record over to listen to the backside, if required.

■ If no more records are to be played, fold down the lock of the sound pick-up.

Note: if playback of your record stops before the end of the record is reached, push the switch **AUTO STOP ON/OFF** into the **OFF** position.

OPERATION OF COMPACT DISC PLAYER

■ This device is compatible with audio CD's, MP3 and CD-R/RW and WMA.
   Do not insert any other format!
   For CD-R/RW, the playback quality is influenced by the quality of the CD burn.

Insert and remove compact discs

■ Set the function selector switch **OFF/PHONO/CD-USB/TUNER** to **CD/USB**. *"CDP READ "* will appear in the LED screen. If a CD is inserted, the numbers of titles on the CD and the total recorded time will appear in the LED screen after a moment. If no CD is inserted, *"NO DISC"* will appear.

■ Push the key of the CD compartment (20). The CD compartment (10) will open up. Insert a CD into the CD compartment label side up. Close the CD compartment. After a short time, the number of titles on the CD will appear in the LCD screen, additionally, for MP3 CD's, the number of albums. The LED screen shows *"OPEN"* if the CD compartment is open.
   Note: the CD compartment can only be opened if the switch **OFF/PHONO/CD-USB/TUNER** is in the **CD/USB** position.

Playback of compact disc

■ Insert a CD as described above. Push either key ▶II/■ **(18)** or key ▶II **(F:43)** to start playback of the CD. The title number and recorded time will appear in the LED screen. Depending on the format (CD, MP3, WMA), either *"CD"*, *"MP3"* or *"WMA"* is also displayed in the LCD screen. This is also displayed while in Stop Mode.

■ To stop CD playback, push the key ▶II/■ (hold down for 2 seconds) or ■ **(F:42)**. To momentarily pause playback, push either the key ▶II/■ or key ▶II **(F:43)**. The recorded time will flash in the LED screen.

■ To continue playback, push the key ▶II/■ or ▶II once more.

■ **Additional information for MP3/WMA-CD's:** If individual files were named with tags, this file name can be displayed in the LCD screen during playback using the key **INFO (F:45)**. To switch this function off, push the key INFO once more.

Search Title (SKIP function)

■ <u>**Forward:**</u> to skip to the beginning of the next title, push the key **SKIP** ▶▶ **(14)** or key **SKIP/SEARCH** ▶▶ **(F:38)** 1 x while in Playback Mode. Each time this key is pushed, the device will skip to the next title.

■ To search for a certain passage within a title, push and hold the key **SKIP** ▶▶ or **SKIP/SEARCH** ▶▶ .

■ Once the desired passage is reached, release the key. The CD player continues playback at this passage.

■ <u>**Rewind:**</u> to playback the current title at the beginning, push the key **SKIP** ◀◀ **(14)** or **SKIP/SEARCH** ◀◀ **(F:36)** 1 x. Each time this key is pushed, the device will skip to the respective previous title.

■ To quickly search for a certain passage, push and hold the key **SKIP** ◀◀ or **SKIP/SEARCH** ◀◀ while in Playback Mode. Once the desired passage is reached, release the key. The CD player continues playback at this passage.

■ You also have the option to select a title while in Stop Mode and play this title by pushing either the key ▶II/■ or ▶II .

Select album (for MP3/WMA-CD's CD's)

■ Switch the device into the Stop Mode.

■ Push the key **FOLDER UP (13)** or **FOLDER** ▲ **(F:40)** or ▼ **(F:37)** to select and open the albums on an MP3/WMA disc. The album numbers will be displayed in the LCD screen (e.g. 14).

■ Use the keys **SKIP** ▶▶ or **SKIP/SEARCH** ▶▶ to select the desired title. When selecting the title, only the title number will be displayed, not the album number.

Note: a desired title can be pre-selected while in Stop Mode using the keys **FOLDER UP** or **FOLDER** ▲ or ▼ and the keys **SKIP** ▶▶ and **SKIP/SEARCH** ▶▶ or **SKIP** ◀◀ and **SKIP/SEARCH** ◀◀ . Push the key ▶II/■ or ▶II for playback of this title.

Search Title (for MP3/WMA-CD's)

■ Push the key **FIND (F:34)** once to open the Search Mode.

■ Titles can be searched in alphabetical order, from A-Z and in numerical order from 1-9. Use the keys **SKIP** ▶▶ and **SKIP/SEARCH** ▶▶ or **SKIP** ◀◀ and **SKIP/SEARCH** ◀◀ to view memory slots or to skip from one letter or number to the next letter or number. If one letter or number is not used, *"NO FILE"* will be displayed in the LCD screen.

■ Push the key **FIND** twice to show the name of the album (e.g. FOLDER 2). Use the keys **FOLDER UP** or **FOLDER** ▲ or ▼ to select an album and use the key ▶II/■ or ▶II to playback all titles within the select album.

■ Push the key ▶II/■ or ▶II to start playback of the title.

Programming of title playback

Program Playback

■ You can program up to 32 titles in any desired order.

■ Push the key **PROGRAM (F:33)** while in CD Stop mode.

■ *"P- - 01 001"* will appear in the LCD screen, while *"01"* will flash. *"PROG"* will also be displayed.

Memory slot	Title number
P- - 01	001

■ Use the keys **SKIP** ▸▸ and **SKIP/SEARCH** ▸▸ or **SKIP** ◂◂ and **SKIP/SEARCH** ◂◂ to select the desired title number. Now push the key **PROGRAM** 1x to store the entries of the first memory slot and to open the next memory slot. Repeat the above steps to program the remaining memory slots. If all memory slots are used, *"FULL"* is displayed in the LCD screen.

View Program

■ After you have finished programming the last memory slot (no. 32), you can review the programmed titles of all memory slots by pushing the key **PROGRAM**. Each time this key is pushed, the device will display the title number stored at the respective next memory slot.

■ If not all memory slots were programmed, the key **PROGRAM** must be pushed once more after the last memory slot has been programmed in order to view the full program. The memory slots can now be viewed as described above, however, the respective next unprogrammed memory slot will be displayed after the last programmed memory slot has been displayed and can now be programmed, if desired.

■ While viewing the program it is also possible to overwrite or reprogram memory slots.

■ For playback of the program, push the key ▸II/■ or ▸II . *"PROG"* will also be displayed in the LCD screen.

■ Push the key ■ or ■ **STOP** to stop playback. Programming will remain stored. Push the key ▸II/■ or ▸II to continue playback.

■ **The program is deleted:**
  - if the switch **OFF/PHONO/CD-USB/TUNER** is set to another mode,
  - if the key ▸II/■ (for 2 seconds) or ■ **STOP** is pushed while in programming mode,
  - if the key ▸II/■ (for 2 seconds) or ■ **STOP** is pushed while in Playback Mode,
  - if the CD tray is opened,
  - if the power supply is interrupted.

Title repeat – random repeat

■ Push the key **REP/INTRO/RAN (12)** while in Playback Mode. Push **REP/INTRO/RAN (F:35)**. The following options are available:

Key	LCD screen	Function
1x	⊂⊃	Repeat the current title
2x	⊂⊃ ALL	Repeat a complete CD
3x	⊂⊃ FOLDER	Repeat the current album being played (MP3/WMA)
4x	INTRO	Introduces each title for 10 seconds
5x	RANDOM	Random repeat

■ To switch the repeat or random repeat function off, push the key **REP/INTRO/RAN** or **REP/INTRO/RAN** until the display, as listed above, is deleted from the LCD screen.

USB PORT

- With this device, Audio CD's, MP3's and WMA's can be played back using USB. Never attempt to play any other formats!
- **Connect the external USB source to the USB connection (7).**
- Switch unit on.
- Push the switch **OFF/PHONO/CD-USB/TUNER** to the **CD/USB** position.
- Push the key **SOURCE (17)**. **SOURCE (F:41)**, to select USB Mode.
- The functions of these keys and displays in regards to playback are the same for USB mode and CD mode. Please note the information listed under *Operation of the Compact Disc Player*.
- If the unit is not able to connect to the USB device, *"NO USB"* will be displayed in the LCD screen.

Disconnect

- For USB source, first switch the unit into the Stop Mode, then into another Playback Mode (e.g. radio). Now disconnect the USB device from the USB connection.

NOTE:

- External data sources must be FAT16 formatted. NTFS formatted devices cannot be recognized.
- IF MP3 player are connected to the unit through the USB connection, decoding problems cannot be excluded.
- Because of the large diversity of products with USB-, SD- and MMC-PORTS and the specific manufacturer specifications we can not guarantee that all devices will be recognized or that all possible configurations will function properly.
- The "reading" of a USB device can take up to 10 seconds, during this time "NO USB" will be displayed.
- The user can reduce the reading time by switching the USB device on, and MP3 player in playing mode, before connecting it to the product.

CONVERTING AUDIO CDs AND LP's TO MP3/

STORING MP3 FILES

When converting, the external data source automatically creates an AUDIO folder. However, no title names will be stored.

AUDIO-CD (1 title)

- Connect the external USB source to the USB connection. Please be sure that the data source has sufficient free memory.
- Switch the unit on and play an audio CD using the above processes.
- Push the key **RECORD (16)** or **REC (F: 44)**. *"CHECKING"* will flash for a short time in the LCD screen, the connection to the USB data source is tested.
- *"REC"* will flash in the LCD screen, the information is now recording to the data source.

ATTENTION: pushing the key **RECORD** or **REC** during transmission will cancel the process. If the process is terminated, the recorded title will not be stored.

AUDIO-CD (total CD)

- To transmit the total CD, do not play the CD but push the key **RECORD** or **REC** after inserting the CD.
- Follow the steps as described for *recording a title*.

LP's

- Connect the external USB source to the USB connection. Please be sure that the data source has sufficient free memory.
- Switch the unit on and play an LP using the above processes.
- Push the key **RECORD** or **REC**. *"SB"* will flash for a short time in the LCD screen, the connection to the USB data source is tested. After this, *"PHONO"* is displayed.
- *"REC"* will flash in the LCD screen, the information is recorded to the data source.
- To stop recording, push the key **RECORD** or **REC**.

Setting the Bit rate

- The bit rate can be set while recording from an LP. To do this, switch the unit into LP Mode but do not start playback.
- Push the key **INFO (F:45)**. The basic setting of 128 kbps is displayed in the LCD screen. Use the keys **SKIP ▶▶** or **SKIP/SEARCH ▶▶** and **SKIP ◀◀** or **SKIP/SEARCH ◀◀** to change the bit rate. Available bit rates:

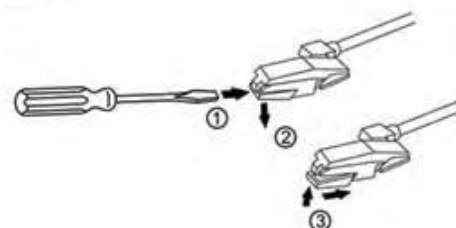 32 / 64 /96 /128 / 192 / 256 kbps.

COPYING MP3/WMA FILES

- MP3/WMA files can be transferred from the CD to an external USB data source.
- A folder *"FCOPY"* will be created in the external data source.
- Follow the same steps as described under *AUDIO-CD (1 title)* or *AUDIO-CD (total CD)*.

REPLACE NEEDLE UNIT

Replacement of a worn needle can be easily accomplished as follows.

1) Open the cartridge by screw.

2) Remove the old needle.

3) Insert the new needle and re-secure the cartridge.

Caution: the needle is very sensitive and need to be handle very carefully, make sure don't touch the needle by finger.

EXTERNAL AMPLIFIER

- An external amplifier can be connected to the **LINE OUT L/R (30, 29)** cinch connectors.
- **ATTENTION!** Do **not** connect the record player to the special record input socket that some amplifiers feature. Connect the record player with the input for CD, AUX or TAPE.
- Connect both cinch connectors **LINE OUT L/R** with one input socket of your amplifier. A suitable connection cable is commercially available.

  The integrated loudspeakers of the record player will not be switched off. You can set the volume control **VOLUME** to **MIN**, this will not influence the sound output of the cinch connectors **LINE OUT L/R**.

CLEANING AND CARE

- Clean the casing with a slightly damp cloth.
- Do not use any strong cleaning agents.
- Never use chemicals (e.g. gasoline, alcohol) to clean the casing.

Handling compact discs

Even though compact discs are manufactured to resist a certain amount of dust and scratches, they must be handled with the same care as regular vinyl records.

1. Protect compact discs from dust, scratches, etc.
2. Always store compact discs in their case if not in use.
3. To obtain best sound quality, occasionally clean the compact disc with a soft cloth, wipe from centre to the outside, not in a circle. Never use gasoline or solvents for cleaning.
4. Only touch a compact disc on its edges!

   Audio Compact Disc:

   Use exclusively compact discs with the mark as shown:

Notes:

- Do not insert any foreign objects into the CD compartment, this can damage the mechanism.
- To avoid soiling the CD mechanism with dust, close the CD compartment cover whenever it is not in use.
- Never touch the optical lens inside the CD compartment.
- If the compact disc is heavily soiled or shows fingerprints, playback can be delayed or skip.
- The digital signal of the compact disc is read through the optical lens with a laser (do not touch). If the player is transported from a cold place to a warm place or if a cold room is quickly heated, condensation can form on this optical lens. In this case, the CD player might malfunction. We recommend letting the device adjust to the temperature prior to using, for approx. 1 hour. For this, remove the CD. If this not resolves the problem, please contact a professional.

TECHNICAL SPECIFICATIONS

Power Supply

Power network operation :		230 V~ 50 Hz
Power input	:	18 W
Loudspeaker impedance :		4 Ohm

Radio

Radio bands	:	FM 88 - 108 MHz
		AM 540 - 1600 KHz
Antenna	:	FM: Dipole Antenna
		AM: Beam antenna

CD player

Coding	:	1-bit linear, 8x oversampling

Record player

Channel separation:	:	15 - 20 dB
Wow and flutter	:	0,25 %

Dimensions:

(W x H x D)	:	approx. 311 x 314 x 168 mm
Weight:	:	approx. 2. 7 kg

The symbol opposite indicates that the electric and electronic components are the subject of a selective collection, it represents a dustbin on wheels barred of a cross. The electric and electronic products can contain substances having negative effects on the environment and health.   Worn, they should not be thrown with domestic waste but to be imperatively recovered in the selective collections: dump, associations of social economy and interdependent.
The selection of waste decreases the potential effects on the environment and human health due to the substances dangerous which can compose certain components electric and electronic.
Take an active part: to remove you not from the apparatuses with domestic waste!

$C\epsilon$

Déclaration de Conformité (DoC) EMC/LVD

Nous, Société Inovalley, 9 rue Rapporteur, 95310 Saint-Ouen l'Aumone, déclarons sous notre seule responsabilité que le produit:

Marque : Inovalley
Nom commercial : Chaine Hifi Rétro/Platine vinyle/CD /MP3
Type: RETRO03N -   Modèle: TCD-68E
auquel se réfère cette déclaration est conforme aux exigences essentielles et aux autres dispositions de la directive pour la Compatibilité Electro-Magnétique EMC 2004/108/CE et de la Directive Basse Tension 2006/95/CE qui lui sont applicables.
Le produit est en conformité avec les normes et/ou autres documents normatifs suivants :

EMC	EN 55013:2001+A1:2003+A2:2006	EN 55020:2007
	EN 61000-3-3:1995+A1:2001+A2 :2005	EN 61000-3-2:2006
LVD	EN 60065:2002+A1 :2006	

Lieu et date d'édition
St Ouen l'Aumône, le 5 Août 2009

Le fabricant
INOVALLEY

J.L THIRY (PDG)