

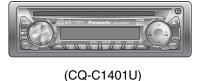
WMA MP3 CD Player/Receiver with CD Changer Control CQ-C1401U

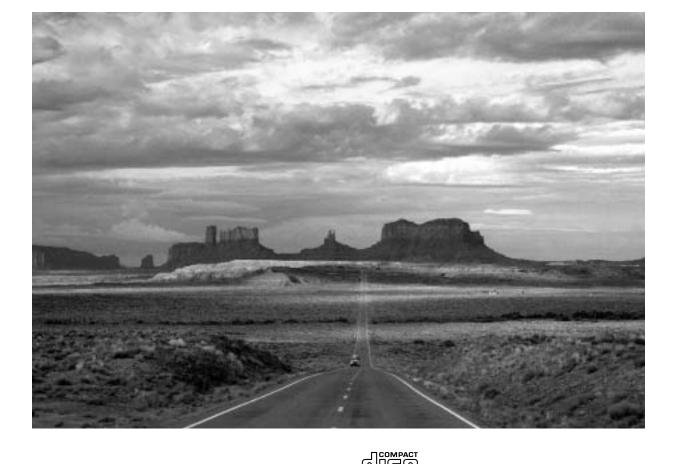
> WMA MP3 CD Player/Receiver CQ-C1301U

(Only for

CQ-C1401U)

# **Operating Instructions**





• Please read these instructions (including "Limited Warranty" and "Customer Services Directory") carefully before using this product and keep this manual for future reference

# Specifications

General			FM Stereo Ra	dio
Power supply		/ - 16 V DC), test volt-	Frequency range	:87.9 MHz – 107.9 MHz
Current consumption	: Less than 2.2	egative ground A (CD mode; 0.5 W 4	Usable sensitivity 50 dB quieting sensit	
Maximum power output		l kHz), volume control	Frequency response Alternate channel sel	
Tone adjustment range	maximum : Bass: ±12 dB Treble: ±12 d		Stereo separation Image rejection ratio	:35 dB (1 kHz) :55 dB :100 dB
Speaker impedance	:4-8Ω		IF rejection ratio Signal to noise ratio	:62 dB
Pre-amp output voltage Pre-amp output impedance	:200 Ω	de, 1 kHz, 0 dB)	AM Radio	
Subwoofer output voltage Subwoofer output impedanc		or CQ-C1401Ú)	Frequency range Usable sensitivity	:530 kHz – 1 710 kHz :27 dB/µV (S/N 20 dB)
Dimensions (W x H x D)	:178 x 50 x 16 {7″ x 1 15/16	″ x 6 5/16″}	-	comply with EIA standards.
Weight	:1.3 kg {2 lbs.	14 oz}		
Disc Player	: 9 timos ovoro	ampling	Power Output: 17 W RMS x 4 Char	nnels at 4 $\Omega$ and $\leq 1\%$
Sampling frequency DA converter	:8 times overs :1 bit DAC Sys	tem	THD+N	W I I I I I I I I I I I I I I I I I I I
Pick-up type Light source	: Astigma 3-be : Semiconduct		Signal to Noise Rati 85 dBA (reference:	
Nave length Frequency response	:790 nm :20 Hz – 20 kł	łz (±1 dB)	, , , , , , , , , , , , , , , , , , ,	, ct4-5000
Signal to noise ratio Total harmonic distortion	:96 dB :0.01 % (1 kH	, , ,	<ul> <li>Note:</li> <li>Specifications and</li> </ul>	design are subject to modification without
Wow and flutter Channel separation	: Below measu :75 dB		notice due to impr	ovements.
Ghannel Separation	.75 00		<ul> <li>Some figures and from your product</li> </ul>	illustrations in this manual may be differen
Necessies				
Accessories				
Instruction kit	netructione	Installation kit (YE	P0FZ5698) ancel Plate	Mounting Collar (YEFX0217263)
(English: YEFN	1285597)			Q'ty:
(Français: YEF (Español: YEF		Mounti	Q'ty: 2 ng Bolt	Trim Plate (YEFC05657)
Installation	Q'ty: 1 set Instructions	- AP	-	Q'ty:
(YEFM293891	)	Rubber	Q'ty: 1 Bushing	Power Connector (YEAJ02877)
Owners Infe	Q'ty: 1		-	Q'ty:
Card	Jinution		Q'ty: 1	Remote Control Unit (includes a battery)
	Q'ty: 1			(EUR7641010) <b>Q'ty:</b>
				Q ty.
Notes:	aaa undarnaath a	ach according part par	as is the part number fo	r maintanance and corvice
<ul> <li>Accessories and their p</li> </ul>				or maintenance and service. e to improvements.
<ul> <li>Mounting Collar and Tr</li> </ul>	im Plate are mour	ted on the main unit at	shipment.	
anasonic Consumer	Electronics	Panasonic Sales	Company	Panasonic Canada Inc.
company, Division of	Matsushita	Division of Matsu	ushita Electric of	5770 Ambler Drive,
<b>lectric Corporation o</b> One Panasonic Way, S		Puerto Rico, Inc. Ave. 65 de Infante		Mississauga, Ontario L4W 2T3
lew Jersey 07094	coaucus,	San Gabriel Indus		http://www.panasonic.ca
ttp://www.panasonic.c	om	Carolina, Puerto F		
		http://www.panaso		
			1 EFINI2855977	A NT1104-1114 Printed in Chi

## **Safety Information**

Read the operating instructions for the unit and all other components of your car audio system carefully before using the system. They contain instructions about how to use the system in a safe and effective manner. Panasonic assumes no responsibility for any problems resulting from failure to observe the instructions given in this manual.

This pictograph intends to alert you to the presence of mportant operating instructions and installation instrucions. Failure to heed the instructions may result in Warning severe injury or death

properly.

## A Warning

Observe the following warnings when using this

- $\Box$  The driver should neither watch the display nor operate the system while driving. Watching the display or operating the system will distract the driver from looking ahead of the vehicle and can cause accidents.
- Always stop the vehicle in a safe location and use the parking brake before watching the display or operating the system. Use the proper power supply. This product is designed for operation with a negative grounded 12 V DC battery system. Never operate this product with other bat-
- tery systems, especially a 24 V DC battery system Keep batteries and insulation film out of reach of infants. Batteries and insulation film can be ingested, so keep them out of the reach of infants. If an infant ingests a battery or insulation film,
- please seek immediate medical attention Protect the Deck Mechanism.
- Do not insert any foreign objects into the slot of this unit.
- Do not disassemble or modify the unit. Do not disassemble, modify the unit or attempt to repair the product yourself. If the product needs to be repaired, consult your dealer or an authorized Panasonic Servicenter
- Do not use the unit when it is out of order. If the unit is out of order (no power, no sound) or in an abnormal
- state (has foreign objects in it, is exposed to water, is smoking, or smells), turn it off immediately and consult your dealer The remote control unit should not lie about in the car.
- If the remote control unit lies about, it could fall on the floor while driving, get wedged under the brake pedal, and lead to a traffic
- Refer fuse replacement to qualified service personnel. When the fuse blows out, eliminate the cause and have it replaced with the fuse prescribed for this unit by a qualified service engineer. Incorrect replacement of the fuse may lead to smoke, fire, and damage to the product.

This pictograph intends to alert you to the presence of important operating instructions and installation instructions. Failure to heed the instructions may result in Caution iniury or material damage.

#### Observe the following warnings when installing Disconnect the lead from the negative (–) battery terminal before installation

- Wiring and installation with the negative (-) battery terminal connected may cause electrical shock and injury due to a short circuit Some cars equipped with the electrical safety system have specifi rocedures of battery terminal disconnection FAILURE TO FOLLOW THE PROCEDURE MAY LEAD TO THE UNINTENDED ACTIVATION OF THE ELECTRICAL SAFETY SYSTEM RESULTING IN DAMAGE TO THE VEHICLE AND PERSONAL INJURY OR DEATH
- Never use safety-related components for installation, grounding, and other such functions. Do not use safety-related vehicle components (fuel tank, brake, uspension, steering wheel, pedals, airbag, etc.) for wiring or fixing the product or its accessories
- $\square$  Installing the product on the air bag cover or in a location where it interferes with airbag operation is prohibited.  $\square$  Check for piping, gasoline tank, electric wiring, and other items before installing the product. If you need to open a hole in the vehicle chassis to attach or wire the product, first check where the wire harness, gasoline tank, and electric wiring are located. Then open the hole from outside if pos-
- → Never install the product in a location where it interferes with your field of vision.
- $\Box$  Never have the power cord branched to supply other equipment with power. After installation and wiring, you should check the normal operation of other electrical equipment.
- The continuation of their using in abnormal conditions may cause fire, electrical shock or a traffic accident.  $\square$  In the case of installation to an airbag-equipping car, confirm warnings and cautions of the vehicle manufactu
- er before installation ho Make sure the leads do not interfere with driving or getting in and out of the vehicle.
- Insulate all exposed wires to prevent short circuiting

First Time Power On	Set your car's ignition switch to the ACC or ON position. The demonstration screen appears.	<ul> <li>2 Press [DISP] (D The demonstration so appears.</li> <li>3 Press [SRC] (PN Note: If you would like to demonstration message a for more than 4 seconds.</li> </ul>
Battery Fir Installation	Pull the insulation film out from the backside of the remote control gently.	Note: Battery Informatic Battery Type: Panasonic li the remote of Battery Life: Approximate room tempe
Clock Setting	<ul> <li>The 12-hour system is used for the clock.</li> <li>Press [DISP] (CLOCK).</li> <li>Clock display)</li> <li>Hold down [DISP] (CLOCK) for more than 2 seconds.</li> <li>Hours blinks</li> <li>Adjust the hour.</li> <li>Hours set</li> <li>isets the hour ahead.</li> <li>isets the hour back.</li> <li>Press [DISP] (CLOCK).</li> <li>Minutes blinks</li> <li>Adjust the minute.</li> <li>Minutes set</li> <li>isets the minute ahead.</li> <li>isets the minute back.</li> <li>Press [DISP] (CLOCK).</li> <li>Minutes set</li> <li>isets the minute ahead.</li> <li>isets the minute ahead.</li> <li>isets the minute back.</li> <li>Press [DISP] (CLOCK).</li> <li>Minutes set</li> <li>isets the minute ahead.</li> <li>isets the minute back.</li> <li>minute ahead.</li> <li>isets the minute ahead.</li> <li>isets the minute back.</li> </ul>	Clock Display at Press [DISP] to change to Display off

#### This manual uses pictographs to show you how to use the product safely and to alert you to potential dangers resulting from imprope connections and operations. The meanings of the pictographs are explained below. It is important that you fully understand the meanings of the pictographs in order to use this manual and the system

## ✓ Caution

# Observe the following cautions when using this

- □ Keep the sound volume at an appropriate level. Keep the volume level low enough to be aware of road and traffic conditions while driving
- This unit is designed for use exclusively in automo-
- $\Box$  Do not operate the unit for a prolonged period with the engine turned off. Operating the audio system for a long period of time with the
- engine turned off will drain the battery Do not expose the unit to direct sunlight or excessive heat.
- Otherwise these will raise the interior temperature of the unit, and it may lead to smoke, fire, or other damage to the unit. Do not use the product where it is exposed to water, moisture, or dust.
- Exposure of the unit to water, moisture, or dust may lead to smoke, fire, or other damage to the unit. Make especially sure that the unit does not get wet in car washes or on rainy days. Observe the following cautions when installing.

## □ Refer wiring and installation to qualified service per-

- Installation of this unit requires special skills and experience. For maximum safety, have it installed by your dealer. Panasonic is not liable for any problems resulting from your own installation of the unit.
- $\Box$  Follow the instructions to install and wire the product. Not following the instructions to properly install and wire the product could cause an accident or fire.
- $\Box$  Take care not to damage the leads. When wiring, take care not to damage the leads. Prevent them from getting caught in the vehicle chassis, screws, and moving

#### parts such as seat rails. Do not scratch, pull, bend or twist the leads. Do not run them near heat sources or place heavy objects on them. If leads must be run over sharp metal edges, protect the leads by winding them with vinyl tape or similar protection.

- Use the designated parts and tools for installation. Use the supplied or designated parts and appropriate tools to install the product. The use of parts other than those supplied or designated may result in internal damage to the unit. Faulty installation may lead to an accident, a malfunction or fire.
- Do not block the air vent or the cooling plate of the unit Blocking these parts will cause the interior of the unit to overheat and will result in fire or other damage.

### The following applies only in the U.S.A.

### Part 15 of the FCC Rules

FCC Warning: Any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.

#### Do not install the product where it is exposed to strong vibrations or is unstable

- Avoid slanted or strongly curved surfaces for installation. If the nstallation is not stable, the unit may fall down while driving and this can lead to an accident or injury. □ Installation Angle
- The product should be installed in a horizontal position with the front end up at a convenient angle, but not more than 30°. The user should bear in mind that in some areas there may be restrictions on how and where this unit must be installed. Consult your dealer for further details.
- Use wear gloves for safety. Make sure that wiring is completed before installation To prevent damage to the unit, do not connect the
- power connector until the whole wiring is completed. Do not connect more than one speaker to one set of speaker leads. (except for connecting to a tweeter)

### Observe the following cautions when handling the battery for the remote control unit.

- Use only specified battery (CR2025).
- Match the polarity of the battery with the (+) and (-) marks in the battery case Replace dead battery as soon as possible.
- Remove the battery from the remote control unit when not using it for an extended period of time. Insulate the battery (by placing them in a plastic bag or covering
- them with vinvl tape) before disposal or storage. Dispose of the battery according to the local regulations Do not disassemble, recharge, heat or short the battery. Do not
- throw a battery into a fire or water. In case of battery leakage
- Thoroughly wipe the battery liquid off the battery case and insert new batterv
- If any part of your body or clothing comes into contact with batterv liquid, wash it with plenty of water. If battery liquid comes into contact with your eyes, wash them
- with plenty of water and get immediate medical attention.

THIS PRODUCT UTILIZES A CLASS I LASER.

**BESULT IN HAZABOOUS BADIATION EXPOSURE** 

REFER SERVICING TO OUALIFIED PERSONNEL

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF

DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF.

PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY

# **Before Reading These Instructions**

Panasonic welcomes you to our constantly growing family of electronic products owners. We endeavor to give you the advantages of precise electronic and mechanical engineering, manufactured with carefully selected components, and assembled by people who are proud of the reputation their work has built for our company. We know this product will bring you many hours of enjoyment, and after you discover the quality, value and reliability we have built into it, you too will be proud to be a member of our family.

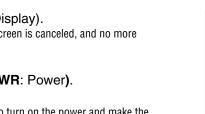
This operating instruction manual is for 2 models CQ-C1401U and CQ-C1301U. All illustrations throughout this manual represent model CQ-C1401U unless otherwise specified. The following table describes the differences between 2 models.

Models Features	CQ-C1401U	CQ-C1301U
CD changer control	Yes	No
XM Satellite Radio	supported (XM receiver [XMD1000] is needed)	not supported
Subwoofer output	Yes	No

### U.S.A.



## Maintenance



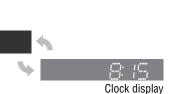
Your product is designed and manufactured to ensure the minimum of maintenance. Use a soft cloth for routine exterior cleaning. Never use benzine, thinner, or other solvents.

## WR: Power).

o turn on the power and make the ippear, noid down **[SRC] (PWR)** 

#### thium battery (CR2025) (Included in control) tely 6 months under normal use (at erature)

### Power Off the display.



# Panasonic Servicenter.

# **Anti-Theft System**

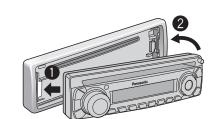
**A** Warning

This unit is equipped with a removable face plate. Removing this face plate makes the unit totally inoperable.

If the replaced fuse fails, contact your nearest authorized Panasonic Servicenter.

- Do not remove the face plate while driving your car. • Do not place the face plate on the dashboard or nearby
- Do not touch the contacts on the face plate and the main unit, since this may result in poor electrical contact. • If dirt or other foreign substances get on the contacts,
- wipe them off with a clean and dry cloth.

- Slide the left side of the face plate in place.
- **2** Press the right end of face plate until a
- "click" is heard.



#### If you use commercial CDs, they must have the label shown at right. Some copy-protected music CDs are not playable. How to hold a disc Do not touch the underside of a disc. • Do not scratch on a disc. • Do not bend a disc. When not in use, keep a disc in

- Do not use irregularly shaped discs.
- Do not leave discs in the following places:
- Direct sunlight
- Near car heaters • Dirty, dusty and damp areas
- Seats and dashboards

**Notes on Discs** 

Disc cleaning Use a dry, soft cloth to wipe from the center outward. Do not attach any seals or labels to your discs. Do not write on the disc label with a ballpoint pen o other hard-point pens.

- to their recording characteristics or dirt, fingerprints, scratches, etc. on the disc surface.
- CD-R/RW discs are less resistant to high temperatures and each file depending on the file format. high humidity than ordinary music CDs. Leaving them inside a car for extended periods may damage and make playback impossible.
- Some CD-R/RWs cannot be played back successfully due to incompatibility among writing software, a CD recorder (CD-R/RW drive) and the discs.
- This player cannot play the CD-R/RW discs if the session is not closed.
- This player cannot play the CD-R/RW discs which contain supported. other than CD-DA data or MP3/WMA (Video CD, etc.). • Be sure to observe the instructions of the CD-R/RW disc
- for handling it. rding MP3/WMA files on a CD-media
- You are recommended to minimize the chances of making a disc that contains both CD-DA files and MP3/WMA
- If CD-DA files are on the same disc as MP3 or WMA files.
- the songs may not play in the intended order, or some songs may not play at all. • When storing MP3 data and WMA data on the same disc,
- use different folders for each data • Do not record files other than MP3/WMA files and unnec-
- essarv folder on a disc • The name of MP3/WMA file should be added by rules as shown in the following descriptions and also comply with the rules of each file system.

# • Use fuses of the same specified rating (15 A). Using substitutes or fuses with higher ratings, or connecting the unit directly without a fuse could cause fire or damage to the unit. If the replaced fuse fails, contact your nearest authorized

### A Caution

- This face plate is not waterproof. Do not expose it to water or excessive moisture.
- areas where the temperature rises high.

**2** Press [ **1**]. The face plate will open.

**3** Pull it out toward you.

Turn off the power.

### CANADA WARRANTY SERVICE

**Richmond**, British

Columbia

For product operation and information assistance, please contact your Dealer or our Customer Care Centre at: Telephone #: (905) 624-5505 Fax #: (905) 238-2360 Web: www.panasonic.ca For product repairs, please contact one of the following: ·Your Dealer who will inform you of an authorized Servicentre nearest vou. Our Customer Care Centre at (905) 624-5505 or www.panasonic.ca · A Panasonic Factory Servicentre listed below:

> Calgary, Alberta Panasonic Canada Inc.

6835-8<sup>th</sup> St. N. E. Calgary, Panasonic Canada Inc. 12111 Riverside Way AB T2E 7H7 Tel: (403) 295-3955 Richmond, BC V6W 1K8 Tel: (604) 278-4211 Fax: (403) 274-5493 Fax: (604) 278-5627

Mississauga, Ontario Lachine, Quebec Panasonic Canada Inc. Panasonic Canada Inc. 5770 Ambler Dr. 3075, rue Louis A. Amos Mississauga, ON L4W 2T3 Lachine, QC H8T 1C4 Tel: (905) 624-8447 Tel: (514) 633-8684 Fax: (905) 238-2418 Fax: (514) 633-8020



PANASONIC CONSUMER ELECTRONICS COMPANY DIVISION OF MATSUSHITA ELECTRIC CORPORATION OF AMERICA One Panasonic Way, Secaucus, New Jersey 07094

PANASONIC SALES COMPANY. DIVISION OF MATSUSHITA ELECTRIC OF PUERTO RICO, INC. Ave. 65 de infanteria, Km. 9.5, San Gabriel Industrial Park Carolina, Puerto Rico 00985

PANASONIC AUTO PRODUCTS LIMITED WARRANTY

#### LIMITED WARRANTY COVERAGE If your product does not work properly because of defects in materials

and workmanship. Panasonic Consumer Electronics Company or Panasonic Sales Company (collectively referred to as "the warrantor") will, for the length of the per od indicated in the chart below, which starts with the date of original purchase ("warranty period"), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or refurbished product. The decision to repair or replace will be made by the warranton

Categories	Parts	Labor
Audio Components (except items listed below)	One (1) Year	One (1) Year
MXE Series Audio Components (except items listed below)	Two (2) Years	Two (2) Years
Speakers	One (1) Year	Not Applicable
Accessories (in exchange for defective items)	Ninety (90) Days	Not Applicable

During the "Labor" warranty period, there will be no charge for labor During the "Parts" warranty period, there will be no charge for parts. Yo must carry-in or mail-in your product during the warranty period. If nonrechargeable batteries are included, they are not warranted. This warranty only applies to products purchased and serviced in the United States or Puerto Rico. This warranty is extended only to the original purchaser of a new product which was not sold "as is". A purchase receipt or other proof of the original purchase date is required for warranty service.

#### CARRY-IN OR MAIL-IN SERVICE

For Carry-In or Mail-In Service in the United States, call 1-800-211-PAN (7262) or visit Panasonic Web Site: http://www.panasonic.com For assistance in Puerto Rico, call Panasonic Sales Company (787)-750

#### LIMITED WARRANTY LIMITS AND EXCLUSIONS

4300 or fax (787)-768-2910.

This warranty ONLY COVERS failures due to defects in materials and workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The warranty ALSO DOES NOT COVER damages which occurred during shipment, failures which are caused by products not supplied by the warrantor, failures which result from accident, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustment, maladjustment of consumer control, improper maintenance improper antenna, inadequate signal reception or pickup, power line surge, improper voltage supply, lightning, modification, commercial use (such as use in hotels, offices, restaurants, or other business uses) or rental use of the product, or service by anyone other than the technician from Factory Servicenter or other authorized service centers, or damage that is attributable to acts of God.

THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE". THE WARRANTOR IS NOT LIABL FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT. OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the sevicer, and loss of media, data or other memory contents. The items listed are not exclusive, but are for illustration only.) ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE

WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD O THE LIMITED WARRANT

#### Some states do not allow the exclusion or limitation of incidental or con uential damages, or limitations on how long an implied warranty lasts, so the exclusions may not apply to you.

This warranty gives you specific legal rights and you may also have othe rights which vary from state to state. If a problem with this product develops during or after the warranty period, you may contact your dealer or Servicenter. If the problem is not handled to your satisfaction, then write to warrantor's Consumer Affairs Department at the addresses of the warrantor

PARTS AND SERVICE WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY ARE YOUR RESPONSIBILITY.

Customer's Record
Model
<u>No.</u>
Serial
No.
Dealer's
<u>No.</u>
Code
No.
Dealer's
Address
Date of
Purchase
CANADA

### Panasonic Canada Inc

5770 Ambler Drive, Mississauga Ontario L4W 2T3

PANASONIC PRODUCT LIMITED WARRANTY Panasonic Canada Inc. warrants this product to be free from defects in materials and workmanship and agrees to remedy any such defect for a period as stated below from the date of original purchase

CAR AUDIO PRODUCT - ONE (1) YEAR, PARTS AND LABOUR

#### (The labour to install or remove the product is not warranted) LIMITATIONS AND EXCLUSIONS

This warranty does not apply to products purchased outside Canada or to any product which has been improperly installed, subjected to usage for which the product was not designed, misused or abused, damaged durng shipping, or which has been altered or repaired in any way that affects the reliability or detracts from the performance nor does it cover any product which is used commercially. Dry cell batteries are also luded from coverage under this warranty. This warranty is extended to the original end user purchaser only. A pur

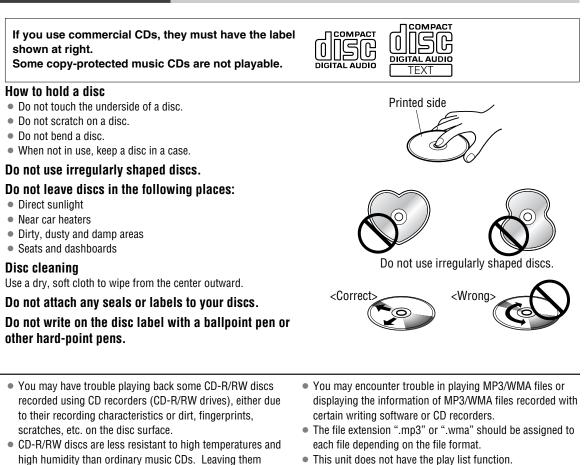
chase receipt or other proof of the original purchase date is required THIS EXPRESS, LIMITED WARRANTY IS IN LIEU OF ALL OTHER WAR RANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WAR-

RANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR IN NO EVENT WILL PANASONIC CANADA INC. BE LIABLE FOR AN SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES. In certain instances, some jurisdictions do not allow the exclusion or lim itation of incidental or consequential damages, or the exclusion of nplied warranties, so the above limitations and exclusions may not be

#### IF YOU SHIP THE PRODUCT TO A SERVICENTRE

applicable

Carefully pack and send prepaid, adequately insured and preferably in th original carton Include details of the defect claimed, and proof of the date of original



 Although Multi-session recording is supported, the use of Disc-at-Once is recommended.

### Supported file systems

ISO 9660 Level 1/Level 2, Apple Extension to ISO 9660, Joliet,

Note: Apple HFS, UDF 1.50, MIX mode CD, CD Extra is not

### **Compression formats**

(Recommendation: "Points to remember when making MP3/WMA files" on the right.)

	MPEG 1 audio layer 3	Windows Media
	Bit rate: 32 k-320 kbps	Audio Ver. 2, 8
	VBR: Yes	Bit rate: 64 k-192 kbps
s.	Sampling frequency:	VBR: No
-,	32, 44.1, 48 kHz	Sampling frequency:
	MPEG 2 audio layer 3	32, 44.1, 48 kHz

```
Bit rate: 8 k-160 kbps
VBR: Yes
Sampling frequency:
```

# Notes on MP3/WMA

Note: MP3/WMA encoding and writing software is not supplied with this unit.

### Points to remember when making MP3/WMA files

- Common
- High bit rate and high sampling frequency are recommended for high quality sounds.
- Selecting VBR (Variable Bit Rate) is not recommended because playing time is not displayed properly and sound may be skipped.
- The playback sound quality differs depending on the encoding circumstances. For details, refer to the user manual of your own encoding software and writing software.

### MP3

• It is recommended to set the bit rate to "128 kbps or more" and "fixed".

#### WMA

- It is recommended to set the bit rate to "64 kbps or more" and "fixed".
- Do not set the copy protect attribute on the WMA file to enable this unit to play back.

#### ∧ Caution

Never assign the ".mp3", or ".wma" file name extension to a file that is not in the MP3/WMA format. This may not only produce noise from the speaker damage, but also damage your hearing.

### isplay Information

## Displayed items

- CD-TEXT Disc title
- Track title • MP3/WMA
- Folder name
- File name

### Displayable characters

• Name files and folders in accordance with the standard of each file system. Refer to the instructions of writing software for details.

MP3 (ID3 tag)

Title name/Artist name

Title name/Artist name

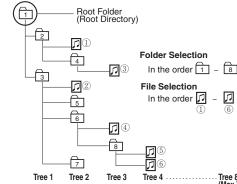
• WMA (WMA tag)

Album name

Album name

 ASCII character set and special characters in each language can be displayed.

- With some software in which MP3/WMA format files have been encoded, the character information may not be
- displayed properly. Undisplayable characters and symbols will be converted into an asterisk ( 🔣 ).



#### Maximum number of files/folders

- Maximum number of files: 999
- Maximum number of files in one folder: 255
- Maximum depth of trees: 8 • Maximum number of folders: 255 (Root folder is includ-
- ed.)

- This unit counts the number of folders irrespective of the presence or absence of MP3/WMA file. • If the selected folder does not contain any MP3/WMA
- files, the nearest MP3/WMA files in the order of playback
- Playback order may be different from other MP3/WMA
- "ROOT" appears when displaying the root folder name.

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#### Copyright

It is prohibited by copyright laws to copy, distribute and deliver copyrighted materials such as music without the approval of copyright holder except enjoying yourself per-

#### No warranty

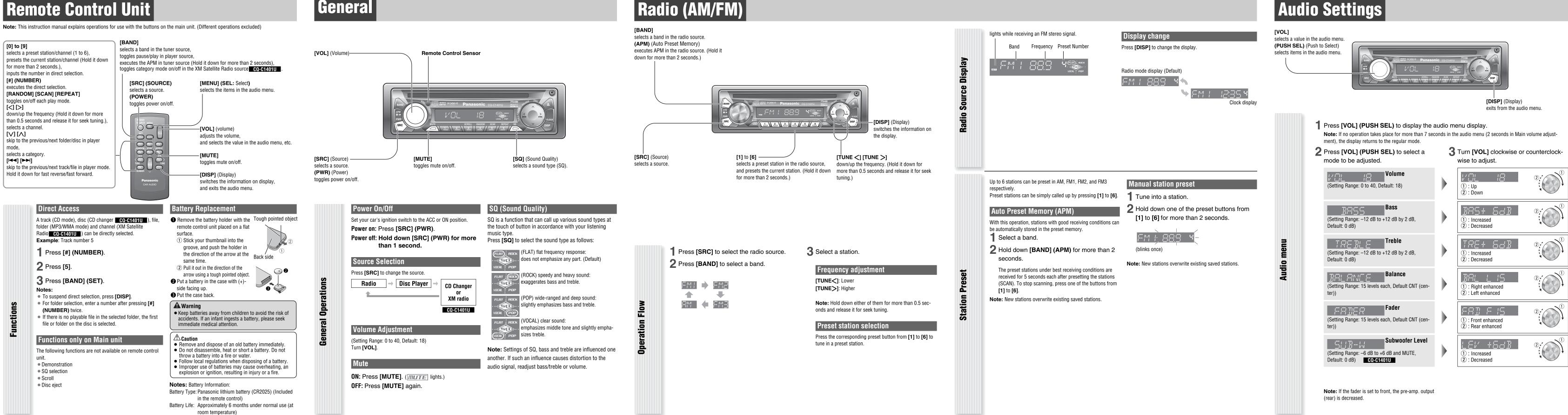
Above description complies with our investigations as of December 2004. It has no warranty for reproducibility and displayability of MP3/WMA.

- will be played.
  - players even if the same disc is used.

der selection order/file playback order

# **Remote Control Unit**

## General



# Player (Disc Player and CD Changer)

· · · ·				CD-DA mode display
akes a disc i <b>Notes:</b>	in with the printed side facing up.	skip to the previous/next track/file in the play- er mode.		Track number Play time
	er will be turned on automatically when	Hold down either of them for fast reverse/fast		
a disc is lo	oaded.	forward.		
	ich has both CD-DA data and Kara and Ka			
normally.		[▲] (Eject)		Play Mode indicators
( <b>III / ►)</b> (Pau		ejects the disc.		MP2/WMA mode display
	se/play in the		>	MP3/WMA mode display lights when folder random/repeat/scan is on.
player source			Display	Folder number File number
	SRC MUTE SOROL RANDOM	<b>[DISP]</b> (Display) switches the information on	Jis	
(		the display.	e	
SRC] (Sour		[^][V]	Source	
elects a sou		skip to the previous/next disc in CD changer mode	) 0	 Diav Mada indicatora
	(RANDOM)/(SCAN)/(REPEAT) toggles on/off each play mode.	CO-C1401U , and skip to the previous/next folder in MP3/WMA	5	Play Mode indicators
	(SCROLL)	mode.	aye	CD Changer mode display CO-C1401U
	scrolls the information on display.		Player	Track number Disc number
	(CD/MP3/WMA mode)			
A Caution	• P	o not insert foreign objects into the disc slot.		
	to the section of "Notes on Discs" and "Notes			 Play time
	3/WMA".			
on MP3 ● This ur	3/WMA". nit does not support 8 cm {3″} discs.			
on MP3 • This ur • If you in	nit does not support 8 cm {3"} discs. Isert an 8 cm {3"} disc and cannot eject it, turn ACC of			Play Mode indicators (blinks when disc random/repea on)
on MP3 • This ur • If you in	nit does not support 8 cm {3"} discs.			Play Mode indicators (blinks when disc random/repea
on MP3 • This ur • If you in	nit does not support 8 cm {3"} discs. Isert an 8 cm {3"} disc and cannot eject it, turn ACC of			Play Mode indicators (blinks when disc random/repea
on MP3 • This ur • If you in	nit does not support 8 cm {3"} discs. Isert an 8 cm {3"} disc and cannot eject it, turn ACC of	Folder/disc selection		Play Mode indicators (blinks when disc random/repea
on MP3 • This ur • If you in	nit does not support 8 cm {3"} discs. Insert an 8 cm {3"} disc and cannot eject it, turn ACC of r off once and turn it on again, then press [▲] (Eject).	Folder/disc selection Press $[v] / [\Lambda]$ .		Play Mode indicators (blinks when disc random/repea on)
on MP3 • This ur • If you in	<ul> <li>nit does not support 8 cm {3″} discs.</li> <li>isert an 8 cm {3″} disc and cannot eject it, turn ACC of r off once and turn it on again, then press [▲] (Eject).</li> <li>Press [SRC] to select the Disc Player</li> </ul>	Press [ <b>∨] / [∧]</b> .		Play Mode indicators (blinks when disc random/repea on) Random play
on MP3 • This ur • If you in	<ul> <li>nit does not support 8 cm {3″} discs.</li> <li>isert an 8 cm {3″} disc and cannot eject it, turn ACC of r off once and turn it on again, then press [▲] (Eject).</li> <li>1 Press [SRC] to select the Disc Player source.</li> </ul>			Play Mode indicators (blinks when disc random/repea on) Random play All the available tracks/files are played in a random se
on MP3 • This ur • If you in	<ul> <li>nit does not support 8 cm {3″} discs.</li> <li>isert an 8 cm {3″} disc and cannot eject it, turn ACC of r off once and turn it on again, then press [▲] (Eject).</li> <li>1 Press [SRC] to select the Disc Player source.</li> </ul>	Press [♥] / [∧]. Disc Player (MP3/WMA disc): Previous/next folder		Play Mode indicators (blinks when disc random/repeaton)          Random play         All the available tracks/files are played in a random se         Press [4] (RANDOM).
on MP3 • This ur • If you in your car	<ul> <li>nit does not support 8 cm {3″} discs.</li> <li>isert an 8 cm {3″} disc and cannot eject it, turn ACC of r off once and turn it on again, then press [▲] (Eject).</li> <li>1 Press [SRC] to select the Disc Player source.</li> <li>2 Select a desired portion.</li> <li>Track/file selection</li> </ul>	Press [✔] / [∧]. Disc Player (MP3/WMA disc):		Play Mode indicators (blinks when disc random/repeaton)          Random play         All the available tracks/files are played in a random set         Press [4] (RANDOM).         Press again to cancel.
on MP3 • This ur • If you in your car	<ul> <li>nit does not support 8 cm {3″} discs.</li> <li>isert an 8 cm {3″} disc and cannot eject it, turn ACC of r off once and turn it on again, then press [▲] (Eject).</li> <li>1 Press [SRC] to select the Disc Player source.</li> <li>2 Select a desired portion.</li> <li>Track/file selection</li> <li>Press [I◄◄] / [►►].</li> </ul>	Press [V] / [A]. Disc Player (MP3/WMA disc): Previous/next folder CO-C1401U	can	Play Mode indicators (blinks when disc random/repeaton)          Random play         All the available tracks/files are played in a random se         Press [4] (RANDOM).
on MP3 • This ur • If you in your car	<ul> <li>nit does not support 8 cm {3"} discs.</li> <li>isert an 8 cm {3"} disc and cannot eject it, turn ACC of r off once and turn it on again, then press [▲] (Eject).</li> <li>1 Press [SRC] to select the Disc Player source.</li> <li>2 Select a desired portion.</li> <li>Track/file selection</li> <li>Press [I◄◄] / [►►].</li> <li>Note: To perform fast forward/reverse, hold down</li> </ul>	Press [V] / [A]. Disc Player (MP3/WMA disc): Previous/next folder CO-C1401U CD Changer:	Sca	Play Mode indicators (blinks when disc random/repeaton)          Random play         All the available tracks/files are played in a random set         Press [4] (RANDOM).         Press again to cancel.         Random play (folder/disc)         All the available files/tracks in current folder/disc are played
on MP3 • This ur • If you in your car	<ul> <li>and the second secon</li></ul>	Press [V] / [A]. Disc Player (MP3/WMA disc): Previous/next folder CO-C1401U CD Changer:	Sca	Play Mode indicators (blinks when disc random/repeaton)          Random play         All the available tracks/files are played in a random set         Press [4] (RANDOM).         Press again to cancel.         Random play (folder/disc)         All the available files/tracks in current folder/disc are played in a random set
on MP3 • This ur • If you in your car	<ul> <li>nit does not support 8 cm {3"} discs.</li> <li>isert an 8 cm {3"} disc and cannot eject it, turn ACC of r off once and turn it on again, then press [▲] (Eject).</li> <li>1 Press [SRC] to select the Disc Player source.</li> <li>2 Select a desired portion.</li> <li>Track/file selection</li> <li>Press [I◄◄] / [►►].</li> <li>Note: To perform fast forward/reverse, hold down either of them.</li> <li>Disc Player (CD-DA disc):</li> </ul>	Press [V] / [A]. Disc Player (MP3/WMA disc): Previous/next folder CO-C1401U CD Changer: Previous/next disc Pause	Sca	Play Mode indicators (blinks when disc random/repeaton)           Random play           All the available tracks/files are played in a random see           Press [4] (RANDOM).           Press again to cancel.           Random play (folder/disc)           All the available files/tracks in current folder/disc are played in a random sequence.
on MP3 • This ur • If you in your car	<ul> <li>nit does not support 8 cm {3"} discs. Itsert an 8 cm {3"} disc and cannot eject it, turn ACC of r off once and turn it on again, then press [▲] (Eject).</li> <li>Press [SRC] to select the Disc Player source.</li> <li>Select a desired portion.</li> <li>Track/file selection Press [I◄] / [►►]. Note: To perform fast forward/reverse, hold down either of them. Disc Player (CD-DA disc): Previous/next track</li> </ul>	Press [√] / [∧]. <b>Disc Player (MP3/WMA disc):</b> Previous/next folder <b>CO-C1401U</b> <b>CD Changer:</b> Previous/next disc <b>Pause</b> Press [BAND] (Ⅲ /►).	Sca	Play Mode indicators (blinks when disc random/repeaton)           Random play           All the available tracks/files are played in a random set           Press [4] (RANDOM).           Press again to cancel.           Random play (folder/disc)           All the available files/tracks in current folder/disc are played in a random sequence.           Hold down [4] (RANDOM) for more the seconds.
on MP3 • This ur • If you in your car	<ul> <li>nit does not support 8 cm {3"} discs.</li> <li>isert an 8 cm {3"} disc and cannot eject it, turn ACC of r off once and turn it on again, then press [▲] (Eject).</li> <li>1 Press [SRC] to select the Disc Player source.</li> <li>2 Select a desired portion.</li> <li>2 Track/file selection</li> <li>Press [I◄◄] / [►►].</li> <li>Note: To perform fast forward/reverse, hold down either of them.</li> <li>Disc Player (CD-DA disc): Previous/next track</li> <li>Disc Player (MP3/WMA disc):</li> </ul>	Press [∨] / [∧]. Disc Player (MP3/WMA disc): Previous/next folder CO-Cf401U CD Changer: Previous/next disc Pause Press [BAND] (III / ►). Press again to cancel.	Repeat, Sca	Play Mode indicators (blinks when disc random/repeaton)           Random play           All the available tracks/files are played in a random see           Press [4] (RANDOM).           Press again to cancel.           Random play (folder/disc)           All the available files/tracks in current folder/disc are a random sequence.           Hold down [4] (RANDOM) for more the folder of the f
on MP3 • This ur • If you in your car	<ul> <li>nit does not support 8 cm {3"} discs. Isert an 8 cm {3"} disc and cannot eject it, turn ACC of r off once and turn it on again, then press [▲] (Eject).</li> <li>Press [SRC] to select the Disc Player source.</li> <li>Select a desired portion.</li> <li>Track/file selection Press [I◄] / [►►]]. Note: To perform fast forward/reverse, hold down either of them. Disc Player (CD-DA disc): Previous/next track Disc Player (MP3/WMA disc): Previous/next file</li> </ul>	Press [√] / [∧]. <b>Disc Player (MP3/WMA disc):</b> Previous/next folder <b>CO-C1401U</b> <b>CD Changer:</b> Previous/next disc <b>Pause</b> Press [BAND] (Ⅲ /►).	Repeat, Sca	Play Mode indicators (blinks when disc random/repeaton)           Random play           All the available tracks/files are played in a random set           Press [4] (RANDOM).           Press again to cancel.           Random play (folder/disc)           All the available files/tracks in current folder/disc are played in a random sequence.           Hold down [4] (RANDOM) for more the seconds.
on MP3 • This ur • If you in your car	<ul> <li>nit does not support 8 cm {3"} discs.</li> <li>isert an 8 cm {3"} disc and cannot eject it, turn ACC of r off once and turn it on again, then press [▲] (Eject).</li> <li>1 Press [SRC] to select the Disc Player source.</li> <li>2 Select a desired portion.</li> <li>2 Select a desired portion.</li> <li>1 Press [I◄◀] / [►►].</li> <li>Note: To perform fast forward/reverse, hold down either of them.</li> <li>Disc Player (CD-DA disc): Previous/next track</li> <li>Disc Player (MP3/WMA disc): Previous/next file</li> <li>C0-C1401U</li> </ul>	Press [\/] / [∧].         Disc Player (MP3/WMA disc):         Previous/next folder         CO-C1401U         CD Changer:         Previous/next disc         Pause         Press [BAND] (III / ►).         Press again to cancel.         Note: Pausing does not function in the CD changer	Repeat, Sca	Play Mode indicators (blinks when disc random/repeaton) Random play All the available tracks/files are played in a random set Press [4] (RANDOM). Press again to cancel. Random play (folder/disc) All the available files/tracks in current folder/disc are played a random sequence. Hold down [4] (RANDOM) for more the seconds. Hold down again to cancel. Repeat play
on MP3 • This ur • If you in your car	<ul> <li>nit does not support 8 cm {3"} discs. Isert an 8 cm {3"} disc and cannot eject it, turn ACC of r off once and turn it on again, then press [▲] (Eject).</li> <li>Press [SRC] to select the Disc Player source.</li> <li>Select a desired portion.</li> <li>Track/file selection Press [I◄] / [►►]]. Note: To perform fast forward/reverse, hold down either of them. Disc Player (CD-DA disc): Previous/next track Disc Player (MP3/WMA disc): Previous/next file</li> </ul>	Press [\/] / [∧].         Disc Player (MP3/WMA disc):         Previous/next folder         CO-C1401U         CD Changer:         Previous/next disc         Pause         Press [BAND] (III / ►).         Press again to cancel.         Note: Pausing does not function in the CD changer	Sca	Play Mode indicators (blinks when disc random/repeaton)           Random play           All the available tracks/files are played in a random set           Press [4] (RANDOM).           Press again to cancel.           Random play (folder/disc)           All the available files/tracks in current folder/disc are played in a random sequence.           Hold down [4] (RANDOM) for more the seconds.           Hold down again to cancel.           Repeat play           The current track/file is repeated.
on MP3 • This ur • If you in your car	nit does not support 8 cm {3"} discs.         isert an 8 cm {3"} disc and cannot eject it, turn ACC of r off once and turn it on again, then press [▲] (Eject).         1 Press [SRC] to select the Disc Player source.         2 Select a desired portion.         Track/file selection         Press [I◄◄] / [►►]].         Note: To perform fast forward/reverse, hold down either of them.         Disc Player (CD-DA disc):         Previous/next file         Goef401U         CD Changer:	Press [\/] / [∧].         Disc Player (MP3/WMA disc):         Previous/next folder         CO-C1401U         CD Changer:         Previous/next disc         Pause         Press [BAND] (III / ►).         Press again to cancel.         Note: Pausing does not function in the CD changer	Repeat, Sca	Play Mode indicators (blinks when disc random/repeation)          Random play         All the available tracks/files are played in a random see         Press [4] (RANDOM).         Press again to cancel.         Random play (folder/disc)         All the available files/tracks in current folder/disc are played in a random sequence.         Hold down [4] (RANDOM) for more the seconds.         Hold down again to cancel.         Repeat play         The current track/file is repeated.         Press [6] (REPEAT).
on MP3 • This ur • If you in your car	nit does not support 8 cm {3"} discs.         isert an 8 cm {3"} disc and cannot eject it, turn ACC of r off once and turn it on again, then press [▲] (Eject).         1 Press [SRC] to select the Disc Player source.         2 Select a desired portion.         Track/file selection         Press [I◄◄] / [►►]].         Note: To perform fast forward/reverse, hold down either of them.         Disc Player (CD-DA disc):         Previous/next file         Goef401U         CD Changer:	Press [\/] / [∧].         Disc Player (MP3/WMA disc):         Previous/next folder         CO-C1401U         CD Changer:         Previous/next disc         Pause         Press [BAND] (III / ►).         Press again to cancel.         Note: Pausing does not function in the CD changer	Repeat, Sca	Play Mode indicators (blinks when disc random/repeaton)           Random play           All the available tracks/files are played in a random set           Press [4] (RANDOM).           Press again to cancel.           Random play (folder/disc)           All the available files/tracks in current folder/disc are played in a random sequence.           Hold down [4] (RANDOM) for more the seconds.           Hold down again to cancel.           Repeat play           The current track/file is repeated.
on MP3 • This ur • If you in your car	nit does not support 8 cm {3"} discs.         isert an 8 cm {3"} disc and cannot eject it, turn ACC of r off once and turn it on again, then press [▲] (Eject).         1 Press [SRC] to select the Disc Player source.         2 Select a desired portion.         Track/file selection         Press [I◄◄] / [►►]].         Note: To perform fast forward/reverse, hold down either of them.         Disc Player (CD-DA disc):         Previous/next file         Goef401U         CD Changer:	Press [\/] / [∧].         Disc Player (MP3/WMA disc):         Previous/next folder         CO-C1401U         CD Changer:         Previous/next disc         Pause         Press [BAND] (III / ►).         Press again to cancel.         Note: Pausing does not function in the CD changer	Repeat, Sca	Play Mode indicators (blinks when disc random/repeation)          Random play         All the available tracks/files are played in a random see         Press [4] (RANDOM).         Press again to cancel.         Random play (folder/disc)         All the available files/tracks in current folder/disc are played in a random sequence.         Hold down [4] (RANDOM) for more the seconds.         Hold down again to cancel.         Repeat play         The current track/file is repeated.         Press [6] (REPEAT).

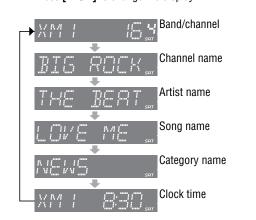
## Display change Press [DISP] to change the display. Disc Plaver (CD-DA disc): Disc Pla THE BEST Disc title Track title CQ-C1401U CD Changer: \*ID3/W Hold TRE peat is • For scrolling text, press [3] (SCROLL "NO TEXT" is displayed when there is • This unit does not support CD text disp CQ-C1401U Repeat play (folder/disc sequence. The current folder/disc is repeated. Hold down [6] (REPEAT) seconds. Hold down again to cance Scan play e played in The first 10 seconds of each tracks/fil e than 2 Press [5] (SCAN). Press again to cancel. Scan play (folder/disc) From the next folder/disc, the first 10 file/track in each album is played in sec Hold down [5] (SCAN) for onds. Hold down again to cance

# Radio (AM/FM)

VM Satallita Dadia		
<ul> <li>About XM</li> <li>You can connect the optional XM receiver (XMD1000) with optional Digital Adapter (XMDPAN100). For details, refer to the operating instructions for the XM receiver.</li> <li>Toll free number</li> <li>XM Tuner P/N: XMD1000 Call 1-800-XM-RADI0(96-72346)</li> <li>Extension cord P/N: XMDPAN100 Call 1-800-942-TERK(8375)</li> </ul>	urce Display	Band Preset Number
[BAND] selects a band in the XM Satellite Radio source. (Category) toggles on/off the category mode. (Hold it down for more than 2 sec- onds.)           Image: Control of the category mode. (Hold it down for more than 2 sec- onds.)         Image: Control of the category mode. (Image: Control of the category mode.)	XM Satellite Radio So	Channel XM Satellite Radio indicator
[SRC] (Source) selects a source.       [1] to [6] selects a preset channel in the XM Satellite Radio source, and presets the current channel. (Hold it down for more than 2 seconds.)       ISIN Select a channel. ISIN Select a	<b>Channel Preset</b>	<ul> <li>Up to 6 channels can be preset in XM1, XM2, and XM3 respectively.</li> <li>Preset channels can be simply called up by pressing [1] to [6].</li> <li><b>1</b> Select a channel.</li> <li><b>2</b> Hold down [1] to [6] for more than 2 seconds.</li> </ul>
<ul> <li><b>1</b> Press [SRC] to select the XM Satellite Radio source.</li> <li><b>2</b> Press [BAND] to select a band.</li> <li><b>3</b> Select a channel.</li> <li><b>4</b> Press Press</li></ul>	<b>Category Setting</b>	Category On/Off         1 Hold down [BAND] to switch category mode ON or OFF.         The following functions are available when the category mode sactive.         • Enables category switching.         • Enables channel selection only within the category selection by category switching.
	<complex-block><complex-block><complex-block><ul> <li>You can connect the optional XMI resource.</li> <li>You can connect the optional XMI resource (XMUD040010), or for table, such the optional to accel XMIDPAH0100, or for XMIDPAH0100, or XMUDPAH0100, or XMIDPAH0100, or XMIDPAH010, or XMIDPAH0100, or XMIDPAH0100, or XMIDPAH0100, or XMIDPAH010, or</li></ul></complex-block></complex-block></complex-block>	<page-header><page-header><page-header><page-header><page-header><page-header><section-header><page-header><section-header><page-header><section-header><page-header><section-header><page-header><page-header><page-header><page-header></page-header></page-header></page-header></page-header></section-header></page-header></section-header></page-header></section-header></page-header></section-header></page-header></page-header></page-header></page-header></page-header></page-header>

## Display change

Press [DISP] to change the display.



respec-Notes

- New channels overwrite existing saved channels. • Because preset memory setting is performed with service IDs in each channel, a channel may switch to another that
- has been stored under the same service ID when calling up a preset channel. However, broadcasting contents are the same as what the stored channel provides.

	Category Selection
	Press [∧] or [∨] to display the category name.
y mode	2 Press [∧] or [∨] while the category name is displayed. Seeking will start.
elected	

Troubleshooting

### If You Suspect Something Wrong

Trouble

No power

No sound

Noise

No sound from

left, right, front,

or rear speaker

Left and right

sounds are reversed

Disc Player

No sound, or disc

is automatically

ejected

Sound skip

poor sound

quality

Sound skip

due to

vibration

Disc

unejectable

Check and take steps as described below. If the described suggestions do not solve the problem, it is recommended to take the unit to your nearest authorized Panasonic Servicenter. The product should be serviced only by qualified personnel. Please refer the checking and the repair to professionals. Panasonic shall not be liable for any accidents arising out of neglect of checking the unit or yo

Warning

- Do not use the unit in an irregular condition, for example, without sound, or with smoke or a foul smell, which can cause ignition or electric shock. Immediately stop using the unit and consult vour dealer.
- Never try to repair the unit by yourself because it is dangerous

Channel not in service

This channel is not currently in

service. Tune to another channel.

r your own repair after your checking.		to do so.			
	Check point	Trouble			Check point
		Radio			
	<ul> <li>Start the engine. (Or turn the ignition switch to the ACC position.)</li> <li>Verify the wiring. (battery lead, power lead, ground lead, etc.)</li> <li>Fuse blown (Contact the nearest</li> </ul>	Frequent noise		sity ● Ma	he in to another station of high-inten- r waves. ke sure that the antenna mounted nt is grounded properly.
	Panasonic Servicenter.) • Ask a professional for fuse replacement. • Be sure to use the same rated fuse.	Preset data deleted		to t pov	e preset memory is cleared to return he original factory setting when the wer connector or battery is discon- ted.
	<ul> <li>Disable the mute function.</li> <li>Verify the wiring.</li> </ul>	Error Display N	/le:	ssao	les
	<ul> <li>Wait until the dew disappears before turning on the unit.</li> </ul>			· · · · · · · · · · · · · · · · · · ·	disc is ejected automatically.)
	<ul> <li>Make sure that grounding is established properly.</li> </ul>				isc is dirty, or is upside down. eck the disc.
	<ul> <li>Adjust the balance and fader.</li> <li>Verify the wiring.</li> </ul>			The d	disc is ejected automatically.) isc has scratches. eck the disc.
	• Connect the speaker lead correctly.	-63-		● If n sult	eration by some cause. ormal operation is not restored, con- t your dealer or the nearest vicenter to ask for repairs.
				Cannot read the file Check the file.	
	<ul> <li>Load the disc correctly.</li> <li>Clean the disc.</li> </ul>			The	IA file can be copyrighted. e file protected by copyright is not yable.
	Clean the disc.	CQ-C1401U			
	<ul> <li>The maximum permissible tilt angle is 30°.</li> </ul>		V / V		DIN cord is disconnected. • Connect the DIN cord.
	• Secure the unit.	NO DIS			No disc is in the CD Changer (maga- zine).
	<ul> <li>Press [▲]. If the disc is still not ejected, contact the nearest Panasonic Servicenter.</li> </ul>		5		Cannot receive XM Satellite Radio. • Verify the wiring.

**Note:** Messages in the action and display sections of the error chart vary with changers. Refer to the operating instructions for the CD changer for details. CQ-C1401U