# Clarion

### Owner's manual & Installation manual

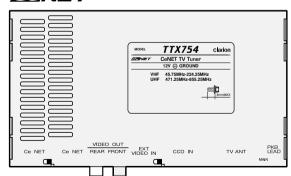
使用说明书和安装说明书

# TTX754

### **Cenet TV Tuner (PAL)**

CeNET电视调谐器 (PAL制式)

### CeNET



### **English**

Thank you for purchasing this Clarion product.

- Please read this Owner's manual & Installation manual in its entirety before proceeding with wire connection and installation.
- After reading this manual, be sure to keep it in a handy place (e.g., glove compartment).

If you sell the motor vehicle, please leave the manual in it so that the new owner can use it.

• Read the contents of the enclosed warranty card and keep it with this manual.

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### 中文

感谢购买本 Clarion 公司产品。

- 在进行接线和安装之前,务必通读本使用说明 书和安装说明书。
- 读完本使用说明书後,请保管在手头便于取阅的地方(例如:手套箱)。

如果您出售汽车,请将使用说明书留放在汽车内,以便新的车主能够使用它。

 请阅读另附保用卡的内容并与本使用说明书一 起妥善保管。

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### 1. PRECAUTIONS

- This equipment uses DC 12 V only. Do not use this equipment on 24 V vehicles such as large trucks.
- When driving, keep the TV tuner volume down to a level where you can hear sounds from outside the vehicle.
- If a problem occurs such as entry of a foreign object, water gets into the tuner, or it produces smoke or strange smells, stop using the tuner immediately, and consult your dealer.

### ■ Tuner Handling

- Disconnecting the cables while the system is operating may cause a system breakdown.
   Always turn off the power (ACC-OFF) before you disconnect the cables.
- If the power supply to the system is stopped due to battery replacement, etc., the details you have entered into the microcomputer memory may be erased and the settings may return to the default settings. If this occurs, enter your settings again.

#### ■ Reception

- If your vehicle is outside the broadcast transmission range, the radio waves will become weak and reception will deteriorate. UHF stations and regional broadcast stations output a comparatively weak radio transmission, so the reception conditions may get worse while driving over a distance of only a few kilometers.
- The screen image may be disturbed and output noise due to train lines, high voltage power lines and traffic signal lights.
- This equipment does not have a display function, so the screen will be black during driving.

### INFORMATION FOR USERS:

CHANGES OR MODIFICATIONS TO THIS PRODUCT NOT APPROVED BY THE MANUFACTURER WILL VOID THE WARRANTY.

### 2. PACKAGE CONTENTS

1.	TV tuner unit (TTX754)
2.	User's Manual / Installation Manual
3.	CeNET cable (2.5 m)
	RCA video cable (2.5 m)
	Accessories Bag
	PKB connection cable

280-8285-00

# 3. SET COUNTRIES LIST

The TV area function can be used to set the following country areas.

No.	Set Countries Display Title		
0	ALBANIA		
1	AUSTRIA		
2	BELGIUM		
3	BOSNIA I H		
4	CZECH		
5	DENMARK		
6	FINLAND		
7	GERMANY		
8	HUNGARY		
9	ICELAND		
10	IRELAND		
11	ITALY		
12	NETHERLNDS		
13	NORWAY		
14	PORTUGAL		
15	RUMANIA		
16	SLOVAKIA		
17	SLOVENIA		
18	SPAIN		
19	SWEDEN		
20	SWITZERLND		
21	TURKEY		
22	UK		
23	AFGHAN.		
24	ALGERIA		
25	ANGOLA		
26	AUSTRALIA		
27	27 BAHRAIN		

No.	Set Countries Display Title		
28	CHINA		
29	N.KOREA		
30	GHANA		
31	HONGKONG		
32	INDIA		
33	INDONESIA		
34	ISRAEL		
35	JORDAN		
36	KENYA		
37	KUWAIT		
38	LIBERIA		
39	MALAYSIA		
40	MOLDIVES		
41	N.ZEALAND		
42	NIGERIA		
43	OMAN		
44	PAKISTAN		
45	QATAR		
46	SINGAPORE		
47	S.AFRICA		
48	SRILANKA		
49	SUDAN		
50	THAILAND		
51	U.ARABE.		
52	UGANDA		
53	YEMEN		
54	ZAMBIA		

#### Note:

<sup>•</sup> In Australia, the channel display for channel 9A may not appear properly, depending on the kind of main unit with which this component is combined.

# 4. SPECIFICATIONS

Reception channels: VHF CCIR 2 to 12ch

UHF CCIR 21 to 69ch

Antenna input:  $75 \Omega$  unbalanced

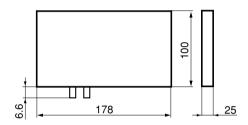
voltage: 14.4 V

Grounding: Negative terminal grounding

Power consumption: 0.4 A or less

External dimensions: 178 mm (Width) × 25 mm (Height) × 100 mm (Depth)

Weight: 0.5 kg



 The specifications and design may be subject to change without prior notice due to improvements.

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# 5. TROUBLESHOOTING

The following symptoms may not be the result of a breakdown, so perform the remedy suggested below before contacting your Dealer for repairs.

Symptom	Cause	Remedy
No power	Wiring is incomplete.	Check the wiring method in the manual again, then connect the wiring properly.
No image	Parking brake is not engaged.	Check that the parking brake is engaged completely.
Unclear image from rear seat monitor	Image output for front and rear is connected in reverse.	Check the connection method in the manual again, then connect the wiring properly.
Image is unclear	Poor reception	The transmission may not be reaching you properly because you are in a valley or the shadow of a building. Check again at a location where the transmission can reach you properly.
Double or triple image	Poor reception	The image may be affected by transmission reflected from mountains or buildings. Change your location or the reception direction.
Image is spotty or striped	Electrical interference	Reception may be affected by radio interference from another vehicle, a train, high voltage or neon signs. Check your reception again at another location.

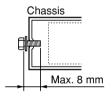
## 6. INSTALLATION

### **A** CAUTION

- · Disconnect the battery negative cable before connecting the wiring.
- If you are making holes in the vehicle body in order to install the unit, first confirm the position of pipes, tanks and electrical wiring to avoid contact and interference.
- · When installing the wiring for connection cords on a vehicle equipped with airbags, do not install the wiring where it may affect the airbag system.
- Do not cover the ventilation holes and heat-radiating parts of the tuner.

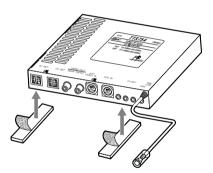
### ■ Installation Using Screws

- 1. When using the installation holes at the sides of the unit, use M4 × 8 screws. Using screws other than the specified screws may cause a malfunction.
- 2. If you are going to drill holes in the dashboard, make sure beforehand that there are no harnesses behind the dashboard at that position or nearby.



### ■ Installation Using Velcro Tape

- 1. Apply Velcro tape to the bottom surface of the unit.
- 2. Attach the unit to the floor carpet beneath the seat.



### 7. CAUTIONS ON WIRING

Pay particular attention to the following points when laying out the cords.

- Keep the unit's cables as far away as possible from the vehicle's wiring bundles.
- Keep the unit's RCA pin cord and the power cord separated as far as possible.

### CAUTION

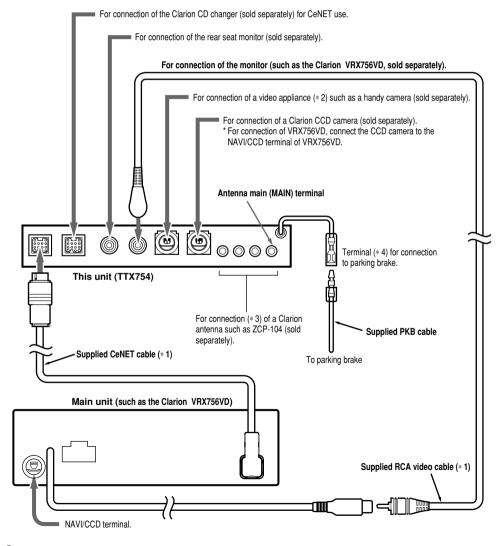
- When you have finished connecting the cords, secure them with clamps and insulating tape for protection.
- Make sure that the connection cables will not get caught on burrs and edges of the metal parts under the seat. It could damage the cables and cause noise from the unit.
- To assist safe driving, connect the parking brake connection terminal to the lead wire on the lamp side of the parking brake lamp switch.

## 8. WIRING CONNECTIONS

Connect the unit as follows.

#### Notes:

- \*1 Connect the cable to the terminal of equipment (center unit) that is connected by connection cables (CeNET cable) with the L-shaped terminals.
- \*2 Connection requires a CCA-389 conversion cord (RCA3P  $\rightarrow$  mini DIN8P) which is sold separately.
- \*3 If you are connecting an antenna other than a 4 system diversity antenna, connect it to the MAIN terminal on the far right.
- \*4 Connect the terminal to the lead wire on the lamp side of the parking brake lamp switch. After connection, apply the parking brake, then check that the TV displays an image.
  - If the PKB cable is not connected to the side brake, some units may not operate.



8

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