FX-F1RGD
Instruction book

General Information

We would like to thank you for purchasing one of our JVC products. Before connecting this unit to the wall outlet, please read the instructions carefully to ensure that you obtain the best possible performance. If you have any questions, please consult your JVC dealer.

Important cautions

1. **Installation of the Unit**
   - Select a place which is level, dry and neither too hot nor too cold (Between 5'C and 35'C or 41'F-95'F).
   - Leave sufficient distance between the Unit and a TV.
   - Do not use the Unit in a place subject to vibrations.

2. **Power cord**
   - Do not handle the power cord with wet hands!
   - A small amount of power (2.5 watts) is always consumed as long as the power cord is connected to the wall outlet.
   - When unplugging the Unit from the wall outlet, always pull the plug, not the power cord.

3. **Malfunctions, etc.**
   - There are no user serviceable parts inside. If anything goes wrong, unplug the power cord and consult your dealer.
   - Do not insert any metallic object into the Unit.

For safe use, observe the following

Avoid moisture, water and dust
Do not set your machine in moist or dusty places.

Avoid high temperatures
Do not expose your machine to direct sunlight or set near a heating device.

Do not block the vents
Poor-ventilation may damage your machine. So do not block the vents nor put the unit in a poorly ventilated place.

When you're away
When away on travel or otherwise for an extended period of time, pull the plug from the outlet.

Do not insert foreign matter into the machine
Do not insert wires, hairpins, coins, etc. into your machine.

Care of the cabinet
When cleaning your machine, use a soft cloth and follow the relevant instructions on the use of chemically-coated cloths. Avoid applying benzene, thinner or other organic solvents and disinfectants. This may cause deformation or discoloring.

If water gets inside the machine
Cut the main power switch and pull the plug from the electrical socket, then call the store where you made your purchase. Using the machine in this state may cause a fire or electrical shock.

Features

Supports the RDS (Radio Data System)

By using the RDS, you can receive information such as station names, the type of a broadcast program, etc. as well as the sound. And it also provides you with the EON function, which allows you to switch to the program of your choice.

3 timer modes to meet your lifestyle and take full advantage of your components' functions

*   DAILY timer
    By setting a start and stop time, you can have the tuner turn on every day at the same time.
*   REC timer
    Convenient for recording programs while not at home.
*   SLEEP timer
    The power turns off automatically at a preset time. This timer can be set before going to sleep, so that you can fall asleep while listening to music.
*   Timer operations only function when the tuner is connected to other JVC audio components with the COMPULINK Remote Control System.

Supplied accessories (check before use)

*   Signal cord .... (1)
*   COMPULINK cord .... (1)
*   AC power cord .... (1)
*   Antenna adaptor .... (1)
*   AM (MW/LW) antenna .... (1)
*   FM feeder antenna (except for Germany) .... (1)
*   FM wire antenna (only for Germany) .... (1)

Contents

FM antenna preparation

Indoor antenna (except Germany)

Use the supplied feeder antenna adaptor. (The FM feeder antenna connects to the antenna adaptor)

Loosen the screws and wrap the end of the antenna line (with the exposed wire) around the washers.
Fasten the screws to fix the antenna wire under the washers.

Screw

Washer

FM feeder antenna
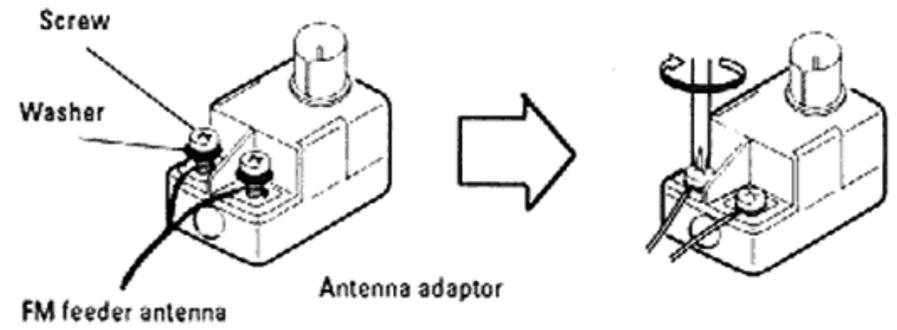
Antenna adaptor

Outdoor antenna (Using FM 75-ohm Antenna Cable (Not supplied))

Use the supplied antenna adaptor. (Connect the coaxial cable to the antenna adaptor.)

1. Remove the lid.

2. Remove the lead wire, insert it into the groove.

3. Insert the exposed coaxial cable between the metal clasps and crimp the clasps closed with pliers.

4. Close the lid.
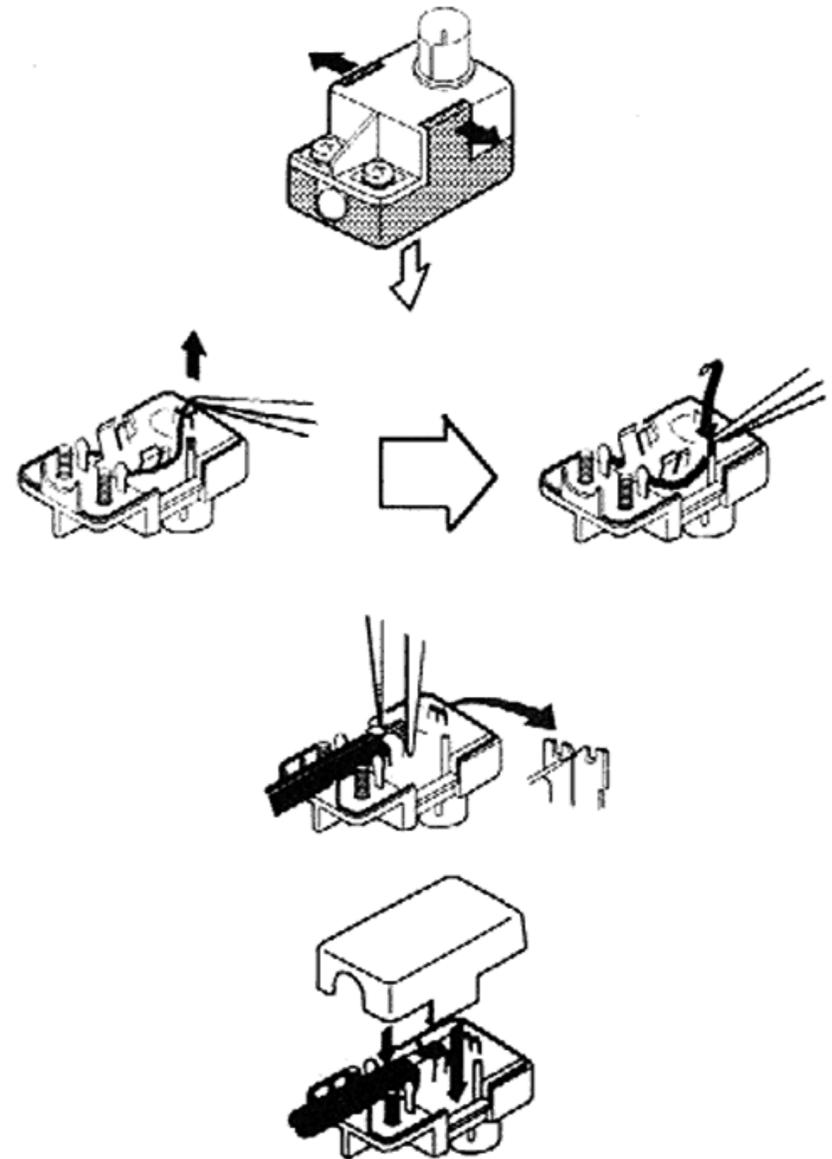
How to prepare the 75-ohm coaxial cable

Thick cable (5C-2V.TVEFCX)

5 (1/4) 3 (1/8)   10 (7/16)   mm (inch)

Netting

Thin cable (3C-2V)

5 (1/4) 3 (1/8)   10 (7/16)   mm (inch)

Fold back netting.

Connections

Connections of AM (MW/LW) antenna and FM antenna

Indoor antennae

Fix antennae in the position that gives the best reception.

For Germany:
1 Using the supplied wire antenna.
2 Using the coaxial type connector (Not supplied) (DIN45332)
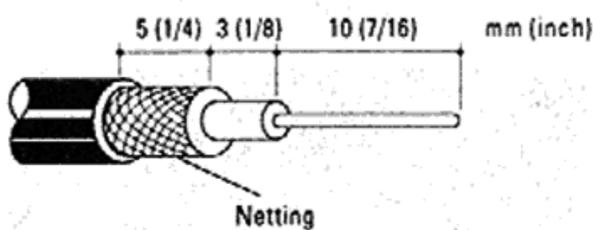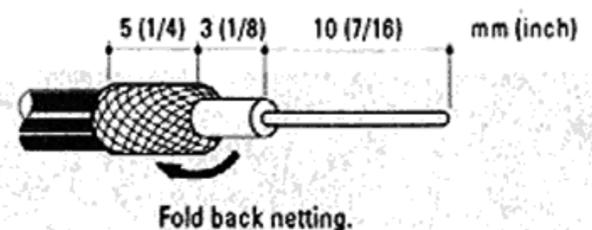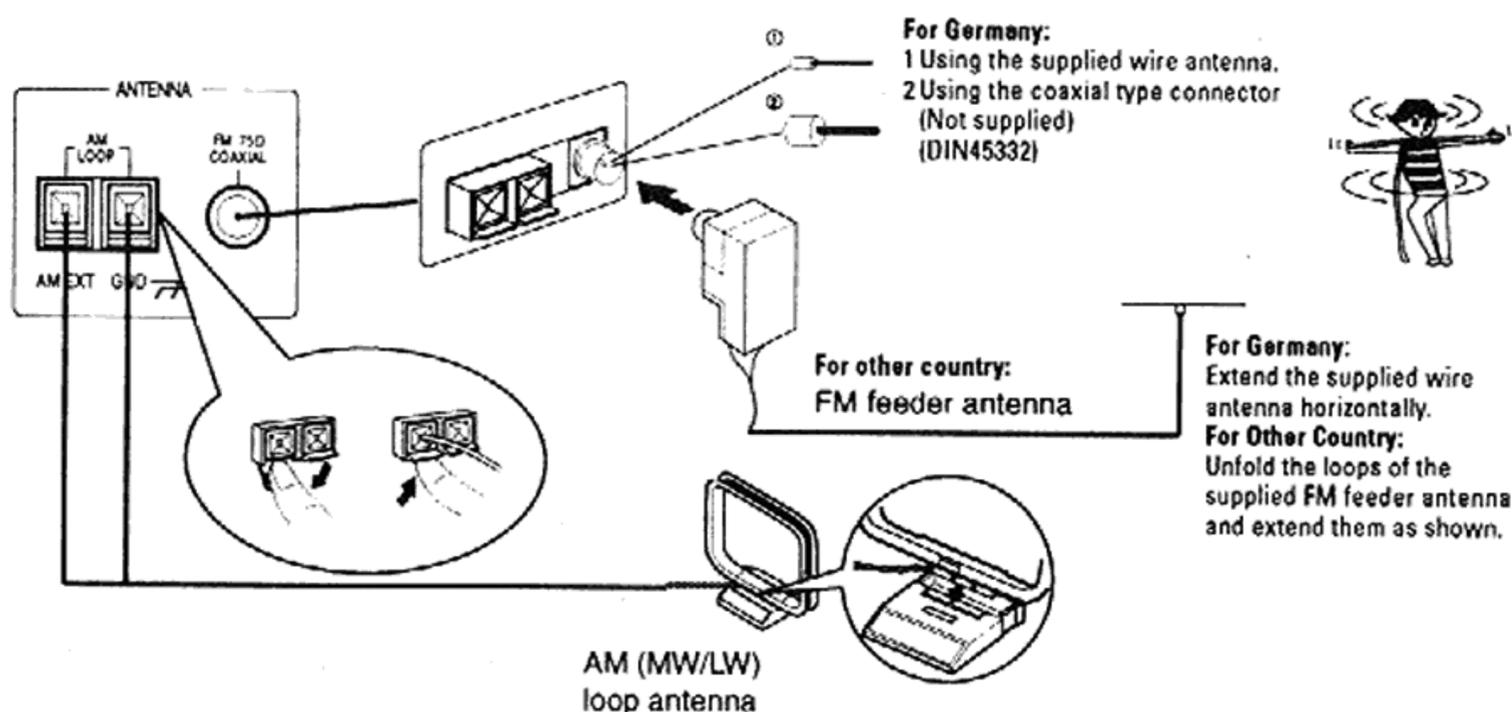
For other country:
FM feeder antenna

For Germany:
Extend the supplied wire antenna horizontally.
For Other Country:
Unfold the loops of the supplied FM feeder antenna and extend them as shown.

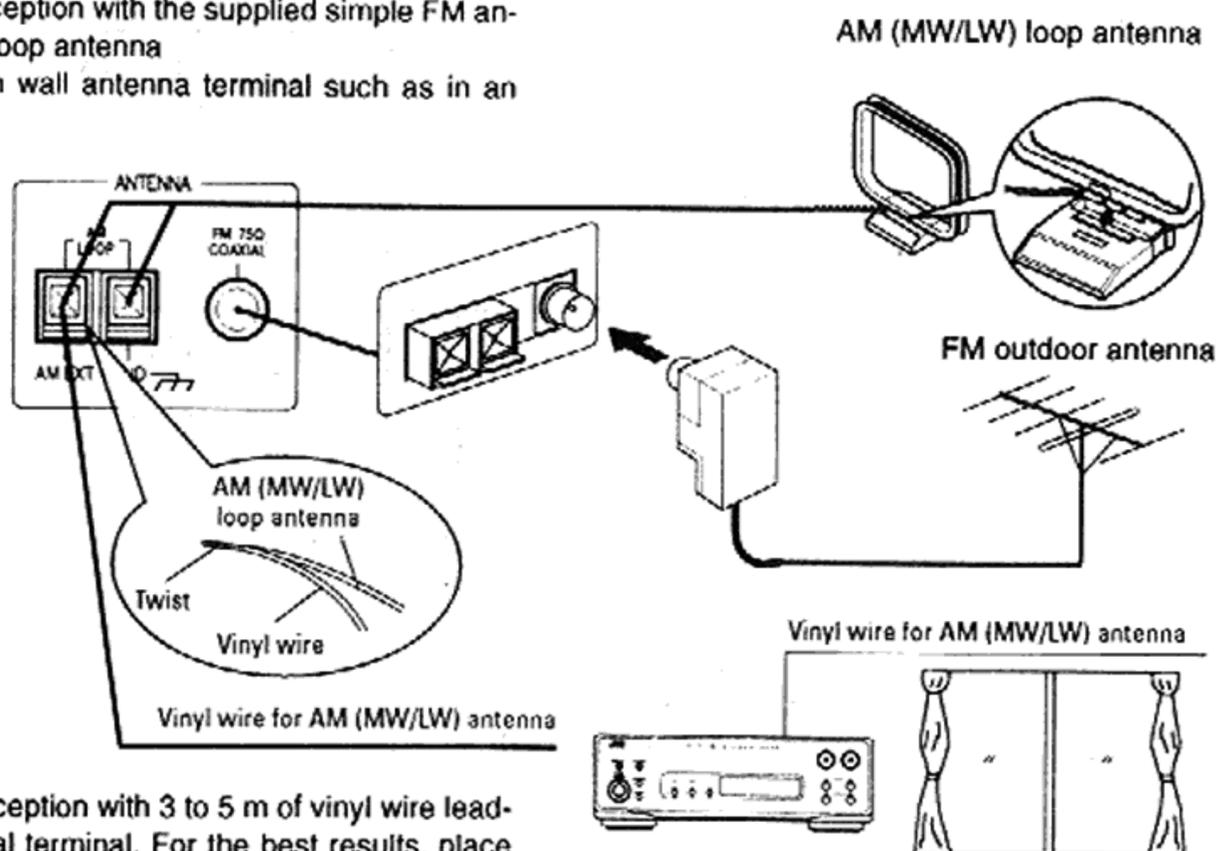AM (MW/LW) loop antenna

Caution:
To avoid noise, place the antenna line away from cords such as the power cord, signal cords or Compulink cords.

Snap the tabs on the loop into the slots of the base to assemble the AM (MW/LW) loop.
Turn, and place in the position that gives the best reception.

Outdoor antennae

- If you can't get good reception with the supplied simple FM antenna or AM (MW/LW) loop antenna
- When using a common wall antenna terminal such as in an apartment building

AM (MW/LW) loop antenna

FM outdoor antenna

AM (MW/LW) loop antenna

Twist

Vinyl wire

Vinyl wire for AM (MW/LW) antenna

Vinyl wire for AM (MW/LW) antenna

- You will get sufficient reception with 3 to 5 m of vinyl wire leading from the AM external terminal. For the best results, place the wire horizontally above a window or outside, as high up as possible.
- Connect the loop antenna at the same time.
- A ground connector from the ground terminal to the floor reduces noise.

Caution:
*To avoid noise, place the antenna line away from cords such as the power cord, signal cords or Compulink cords.*

5

Connection to the amplifier
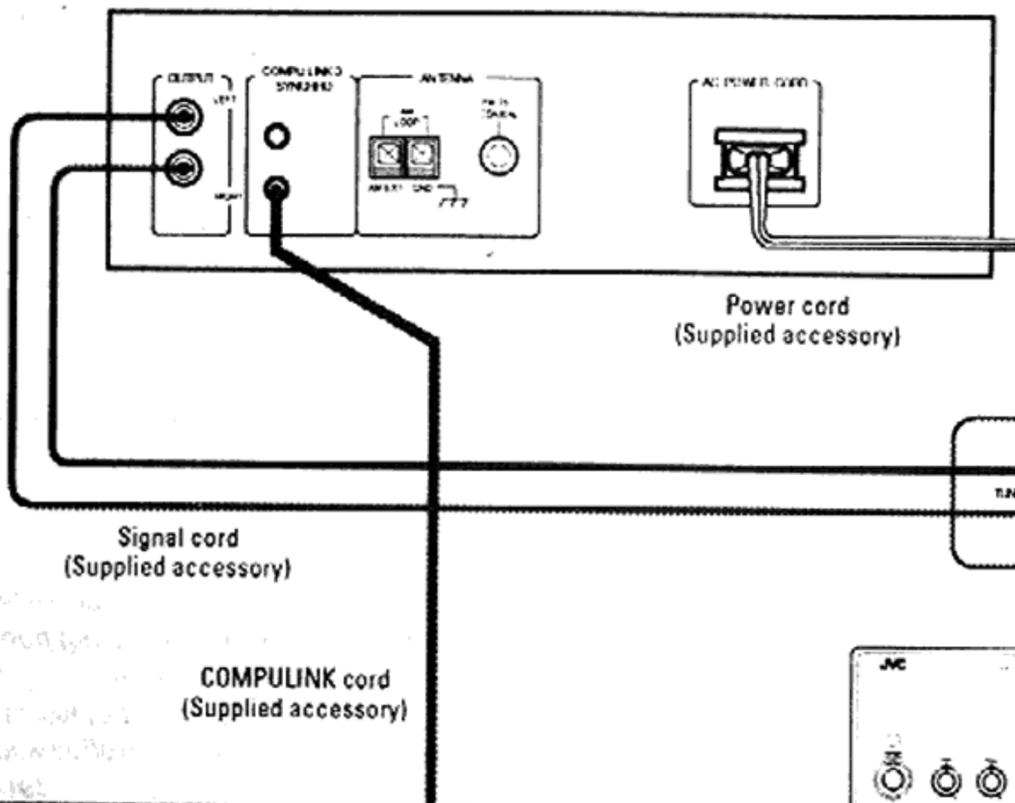
Connect the supplied power cord to the FX-F1RGD. Insert the plug firmly all the way into the socket.

Power cord
(Supplied accessory)

Signal cord
(Supplied accessory)

COMPULINK cord
(Supplied accessory)

Caution:
* *Be sure to connect this power cord to the "UNSWITCHED" AC outlet of the amplifier or plug it into a wall outlet.*
* *Put your machine in the STANDBY mode when you unplug the power cord.*

Amplifier
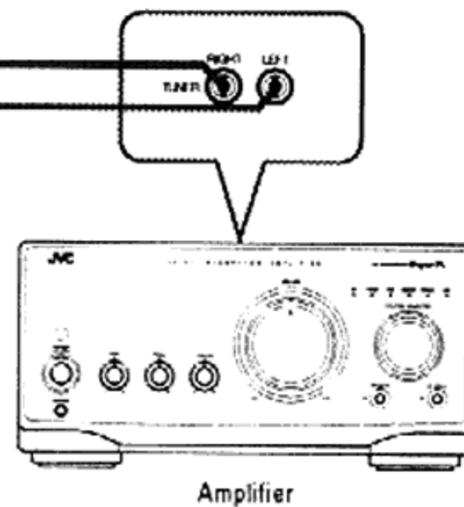
The COMPULINK-3 remote control system allows you to control other JVC audio components from the FX-F1RGD or vice versa.
To use this system, connect your JVC audio components and the FX-F1RGD with the COMPULINK cord (monaural mini-plug) supplied.
(See page 14 for details.)

Notes:
1. Switch the power off when connecting any components.
2. Connect to an amplifier with left and right channels connected correctly.
   Reversed channels will degrade the stereo effect.
3. Connect plugs or cords firmly. Poor contact may result in hum.
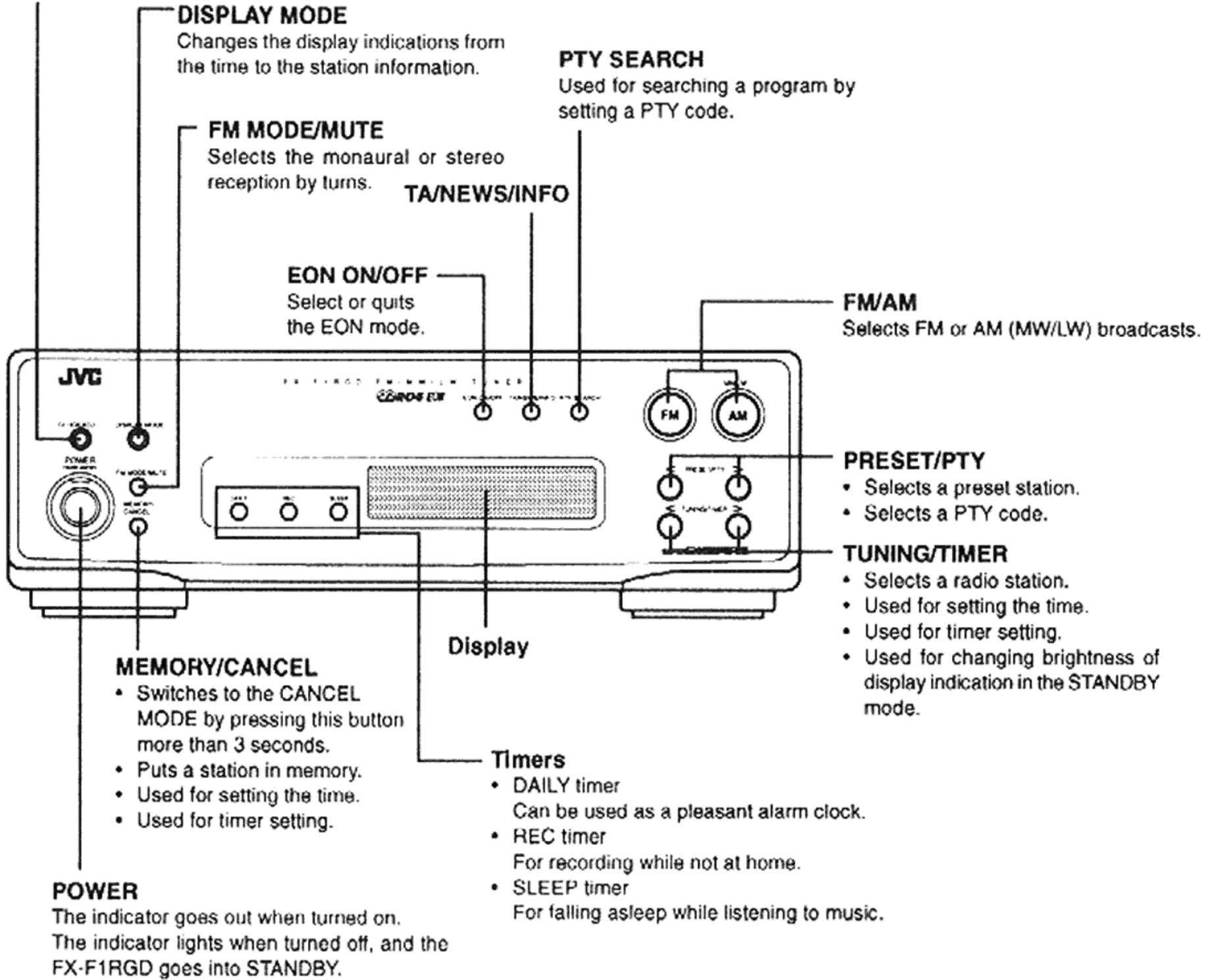
Supplying the AC power

Only when all the connections are completed, insert the power plug into the wall outlet. Then the STANDBY indicator lights and the setup are complete.

# Names and functions of parts

Front panel

CLOCK ADJ.
Sets the time.

DISPLAY MODE
Changes the display indications from the time to the station information.

PTY SEARCH
Used for searching a program by setting a PTY code.

FM MODE/MUTE
Selects the monaural or stereo reception by turns.

TA/NEWS/INFO

EON ON/OFF
Select or quits the EON mode.

FM/AM
Selects FM or AM (MW/LW) broadcasts.

PRESET/PTY
* Selects a preset station.
* Selects a PTY code.

TUNING/TIMER
* Selects a radio station.
* Used for setting the time.
* Used for timer setting.
* Used for changing brightness of display indication in the STANDBY mode.

Display

MEMORY/CANCEL
* Switches to the CANCEL MODE by pressing this button more than 3 seconds.
* Puts a station in memory.
* Used for setting the time.
* Used for timer setting.

Timers
* DAILY timer
  Can be used as a pleasant alarm clock.
* REC timer
  For recording while not at home.
* SLEEP timer
  For falling asleep while listening to music.

POWER
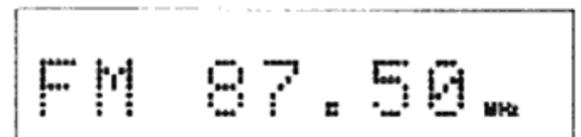The indicator goes out when turned on. The indicator lights when turned off, and the FX-F1RGD goes into STANDBY.

Display

The following displays appear in the tuner's display area.
* Time
* FM/AM station or frequency
* Timer information
* RDS information

CL 1:00

Display example

FM 87.50 MHz

Display example

P- 1 FM
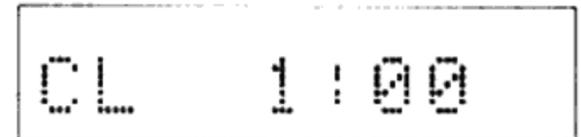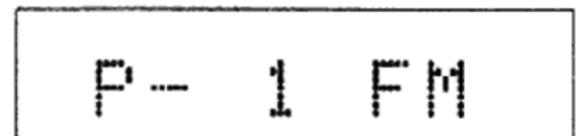
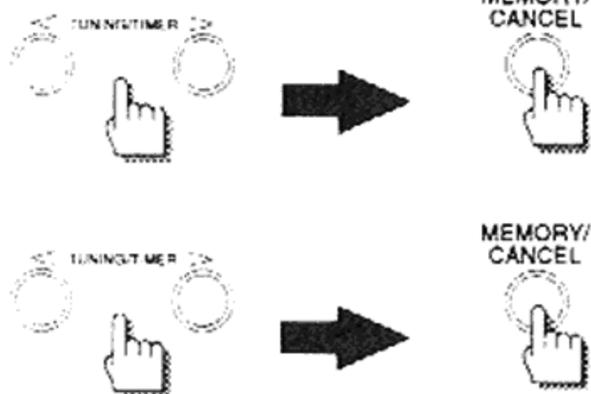Display exemple

Setting the time

Setting the clock

1. **Press CLOCK ADJ.**

2. **Set the time**
   - Setting the hours
   - Press TUNING/TIMER < or > to set the hours, then press MEMORY/CANCEL.

   - Setting the minutes
   - Press TUNING/TIMER < or > to set the minutes, then press MEMORY/CANCEL. (When you press MEMORY/CANCEL, the clock starts.)

Note:
- *To set the clock accurately, set the minutes to the TV, radio or telephone time, and then press MEMORY/CANCEL. The clock starts from 0 seconds of the set time.*

Cautions:
- *If the power goes out due to a power failure or other reason, 0:00 flashes. Set the correct time again.*
- *If other keys are used while setting the clock, the setting is canceled and the clock time does not change. Redo the setting from the beginning.*

Using the Tuner

Manual tuning

1. Turn the power on
By pressing the power button, the ON mode and STANDBY mode switch on by turns.
The power consumption in the STANDBY mode is 2.5 watts.

2. Select FM or AM (MW/LW)
Press the FM or AM button.

### 3. Tune in a station
Press TUNING/TIMER < or > to select station frequency.

- There are two methods of tuning in a station.
  Tune stations manually (manual tuning) by pressing TUNING/TIMER < or > and not holding in the button. Each time you press, the frequency changes.
  Tune stations automatically (auto tuning) by pressing and holding the TUNING/TIMER < or > button. When the display frequency starts to change, release your finger.
  When a station is received, the "TUNED" appears on the display.
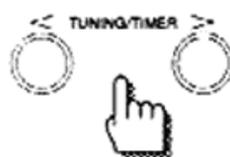
> **One touch play (with the FX-F1RGD in STANDBY)**
> Just by pressing FM or AM, the power is turned on, and the tuner receives the radio station listened to last.

Monaural reception

During an FM stereo broadcast, press FM MODE/MUTE.
The stereo broadcast is automatically received in monaural and "FM MONO" appears on the display.

- If an FM stereo broadcast is hard to receive or noisy, press FM MODE/MUTE.
  Reception will improve, although you will lose the stereo effect.
  In this mode, you will hear some noise while tuning into a station.

  To restore stereo effect, press FM MODE/MUTE again so that "FM AUTO" appears on the display.
  In this mode, when a program is broadcast in stereo, you will hear stereo sound; when in monaural, you will hear monaural sound. Furthermore, in this mode, you won't hear noise while tuning into stations.

FM MODE/MUTE

Preset channels

Forty stations including FM and AM (MW/LW) stations can be preset, allowing them to be tuned in at the touch of a button.
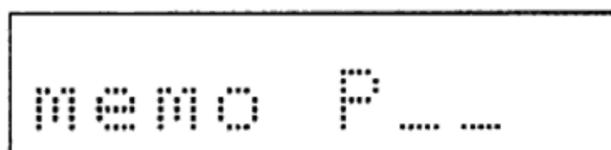
1. Tune in a station.
Press TUNING/TIMER < or > to select the frequency of a station.

2. Press MEMORY / CANCEL

memo P_ _

3. Specify a preset channel.
Press PRESET/PTY < or > while 'memo P_ _' is displayed, and choose the preset number (channel).

4. Press MEMORY / CANCEL.
The specified channel is stored, and 'stored' is displayed.
Up to forty stations including FM and AM (MW/LW) stations can be preset.

stored
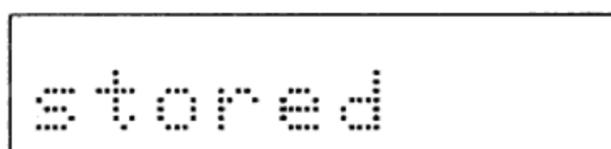
Caution:
If any other button than PRESET/PTY < or > is pressed while 'memo P_ _' is displayed, the preset operation is canceled, and you must redo it.
Preset channels may be erased if:
* *The power plug is pulled out*
* *There is a power failure*
If preset channels are erased, redo the preset procedure.

Using the RDS (Radio Data System) to receive FM stations

RDS allows FM stations to send additional signals along with their regular program signals. For example, the stations send their station names, and information about what type of program they broadcast, such as sports or music, etc.

When tuned to an FM station which provides the RDS service, the RDS indicator lights up.

With the FX-F1RGD, you can receive the following types of RDS signals.

PS (Program Service) : shows station names commonly known
PTY (Program Type) : shows types of broadcast programs
RT (Radio Text) : shows text messages the station sends
EON (Enhanced Other Networks) :
　　　　　　　　　shows information of other stations

What information can RDS signals provide?
You can see the RDS signals the station sends on the display.

To show the RDS signals on the display:
Press the DISPLAY MODE button while listening to an FM station. Each time you press the button, the display changes to show you the following information:

PS (Program Service) :
While searching, "PS" appears and then the station names will be displayed. "Wait PS" appears if no signal is sent.

PTY (Program Type) :
While searching, "PTY" appears and then the type of the broadcast program will be displayed. "Wait PTY" appears if no signal is sent.

RT (Radio Text) :
While searching, "RT" appears and then text messages the station sends will be displayed. "Wait RT" appears if no signal is sent.

Station Frequency :
Station frequency (non-RDS service.)

⊛ R·D·S EON

DISPLAY MODE

Notes:
- *If searching finishes at once, "PS", "PTY", and "RT" will not appear on the display.*
- *If you press the DISPLAY button or DISPLAY MODE while listening to an AM (MW/LW) station, the display only shows station frequency, clock, preset station.*
- *RDS is not available in AM (MW/LW) broadcasts.*

On characters displayed
When the display shows PS, PTY, or RT signals, the following characters are used.
- The display cannot differentiate upper case and lower case letters and always uses upper case letters.
- The display cannot show accented letters, "A", for instance, may stand for accented "A's" like Å, Ä, Ã, Á, À, and Â.

To search for the program by PTY codes

One of the advantages of the RDS service is that you can locate a particular kind of program by specifying the PTY codes.

To search for a program using the PTY codes: (Possible only on the front panel)
1. **Press the PTY SEARCH button while listening to an FM station or AM (MW/LW) station.**
   The display alternates between "PTY" and "SELECT."
2. **Press the PTY MODE < or > button to select a PTY code.**
   The display gives you the PTY codes described below.
3. **Press the PTY SEARCH button.**
   While searching, the display alternates between "SEARCH" and the selected PTY code.
   The FX-F1RGD searches for stations which support the RDS, stops when it finds the one you have selected, and tunes in that station.

To continue searching after the first stop, press the PTY SEARCH button again while the indications on the display blink.
If no program is found, "NO PGM" appears on the display.

To stop searching any time during the process.
Using any tuner operating buttons and controls will stop searching.

Descriptions of the PTY codes

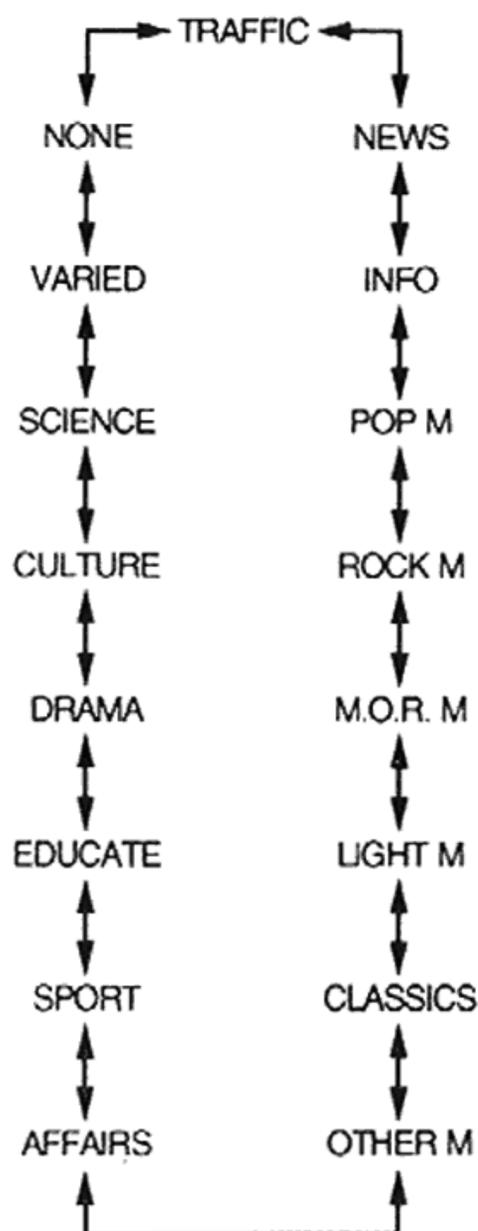|	
TRAFFIC:	Traffic information station or traffic information LINK station.
NEWS:	News
INFO:	Programs on medical service, weather forecast, etc.
POP M:	Pop music
ROCK M:	Rock music
M.O.R. M:	Middle-of-the-road music (usually called "easy listening")
LIGHT M:	Light music
CLASSICS:	Classics
OTHER M:	Other music
AFFAIRS:	Typical program expanding on current news or affairs
SPORT:	Sports events
EDUCATE:	Educational programs
DRAMA:	Radio plays
CULTURE:	Programs on national or regional culture
SCIENCE:	Programs on natural sciences and technology
VARIED:	Other programs like comedies or ceremonies
NONE:	Undefined (this cannot be searched.)

When an emergency broadcast (ALARM signal) is sent from an FM station.
The FX-F1RGD automatically switches the source of the amplifier supporting COMPULINK-3 functions to TUNER in the station except in the following cases:
• When you are listening to non-RDS stations (all AM (MW/LW) and some FM stations).
• When the power to the FX-F1RGD is turned off.

Notes:
• *While receiving an emergency broadcast, "ALARM" appears on the display.*
• *ALARM responds to information on a station which is currently received.*

PTY SEARCH

```
        ┌──► TRAFFIC ◄──┐
        │               │
        ▼               ▼
      NONE            NEWS
        ▲               ▲
        │               │
        ▼               ▼
     VARIED            INFO
        ▲               ▲
        │               │
        ▼               ▼
     SCIENCE          POP M
        ▲               ▲
        │               │
        ▼               ▼
     CULTURE          ROCK M
        ▲               ▲
        │               │
        ▼               ▼
      DRAMA          M.O.R. M
        ▲               ▲
        │               │
        ▼               ▼
     EDUCATE          LIGHT M
        ▲               ▲
        │               │
        ▼               ▼
      SPORT          CLASSICS
        ▲               ▲
        │               │
        ▼               ▼
     AFFAIRS          OTHER M
        │               ▲
        └───────────────┘
```

To switch to a broadcast program of your choice temporarily

Another convenient RDS service is called "EON (Enhanced Other Networks)."

This allows the FX-F1RGD to switch temporarily to a broadcast program of your choice (NEWS, TA, and/or INFO) from other sources *except in the following cases:*

* When you are listening to a non-RDS station (all AM (MW/LW) and some FM stations).

To select the program type

Press the TA/NEWS/INFO button on the front panel

Each time you press the button, the display changes to show the following.

TA:	Traffic Announcement
NEWS:	News
INFO:	Programs on medical service, weather forecast, etc.

TA/NEWS/INFO

To use the EON function

Press the EON ON/OFF button on the front panel. The program type cannot be selected when the EON ON/OFF is set to OFF.

The TA, NEWS, INFO indicator lights up on the display, and the FX-F1RGD enters EON standby mode.

EON ON/OFF

⬇

CASE 1 If there is no station broadcasting the program you have selected

Suppose that you are listening to a CD and a station A is selected in the FX-F1RGD.

⬇

When a station B starts broadcasting the program you have selected, the FX-F1RGD automatically switches to the station. The TA, NEWS or INFO indicator starts blinking.

⬇

If the program started in the EON mode, the FX-F1RGD goes back to the station A.

CASE 2 If there is a station broadcasting the program you have selected

The current source stops playing, and the FX-F1RGD tunes in the program. The TA, NEWS or INFO indicator starts blinking.

⬇

The FX-F1RGD remains to tune in the station.

To stop listening to the program selected by EON

Press the EON button again. The FX-F1RGD enters EON off mode and goes back to the station you have selected before.

Each time you press the button, the EON mode always alternates between standby mode and off mode.

Notes:

* *When the FX-F1RGD is turned off, the EON function is also turned off.*
* *When the FX-F1RGD is in the EON STANDBY mode and the "EON" appears on the display (when "TA", "NEWS", or "INFO" appears on the display and EON information is being broadcast), an amplifier in the COMPULINK connection selects TUNER as TA, NEWS, or INFO information starts broadcast on a station which is currently selected. In this situation you can receive EON information like traffic information on a station which is not currently selected.*

Caution:

When the source alternates intermittently between the station tuned in by the EON function and the currently selected source, press the EON button to cancel the EON function (the EON indicator off on the display). This is not a malfunction of the FX-F1RGD.

COMPULINK Remote Control System

This section describes operation of the amplifier when the separately sold JVC audio components are synchro connected (COMPULINK-3).

COMPULINK basics

The following section describes the COMPULINK Remote Control System. In these instructions we refer to the COMPULINK Remote Control System as 'COMPULINK' for convenience's sake.

Buying a separate MD recorder, CD player, amplifier or other components to enjoy just the combination you want is a good way to get high-quality sound. However, since each component has to be operated individually, this method has the drawback of difficult operation. JVC's COMPULINK Remote Control System meets the demand for a system made up of single components and has the ease of operation of a single unit.

Products that are compatible with COMPULINK have terminals marked either COMPULINK-1, COMPULINK-2, or COMPULINK-3 (referred to collectively as COMPULINK terminals). When components are linked by the COMPULINK terminals, simple operations like those of a single unit component system can be achieved.

About the COMPULINK version
* Three versions
  There are three versions of COMPULINK currently on sale by JVC. These are COMPULINK-1, COMPULINK-2, and COMPULINK-3. COMPULINK 3 is the newest version, with more functions than COMPULINK 1 and COMPULINK 2.

* Distinguishing versions
  The version is displayed at the terminals of the components.

Caution:
COMPULINK-3 components may be connected to other version components, but in this case the newest functions may not work.

COMPULINK 3 functions
The following is a brief overview of COMPULINK-3 functions.

One-press play
This function lets you listen without operating the amplifier, just by putting the source component (the component which plays the sound source such as the CD player or MD recorder) into play mode.

Synchro recording
Allows recording to start automatically when the source starts playing.

Timer operation
Recording or playback can be made to start at a preset time using the timer function built into the tuner.

Total operation by remote control
All source components, such as the CD player and cassette deck, can be operated by one amplifier remote control.
See the amplifier's instructions for how to use the remote control.

Minidisc recorder automatic input switching
When the setting of the input selector in the minidisc is set to digital input, digital input is done only when the amplifier's source selector is set to CD. When it is set to other sources, analog input is done. This saves the labor of switching every time.
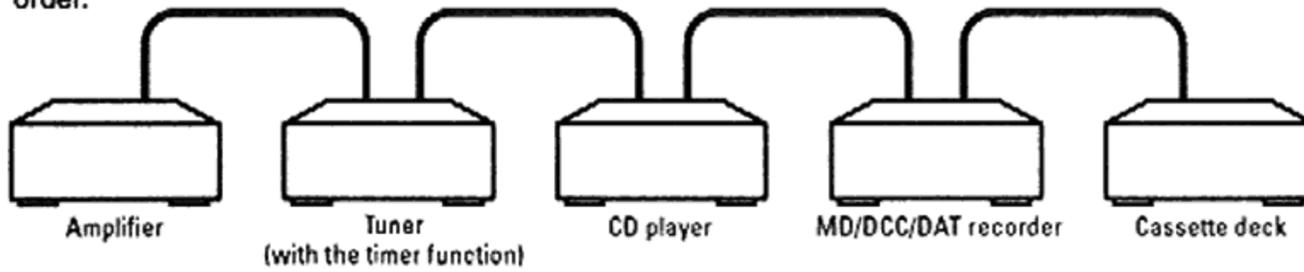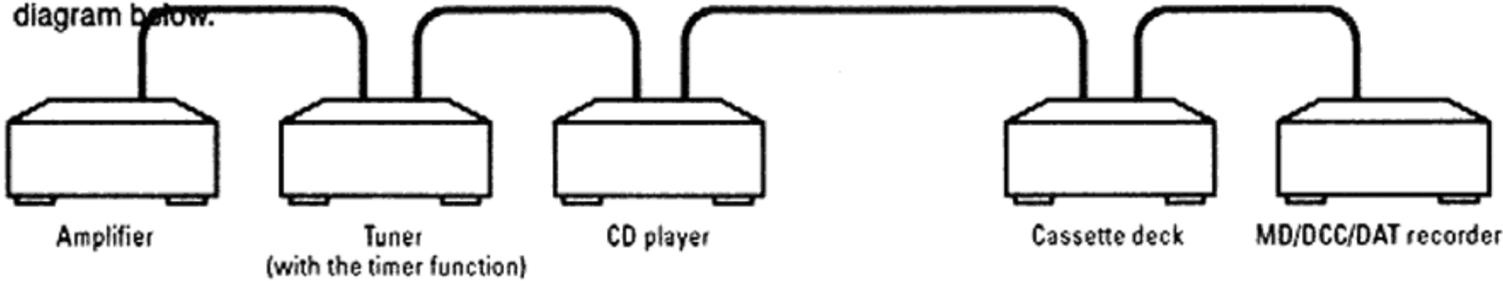
COMPU LINK-3
SYNCHRO
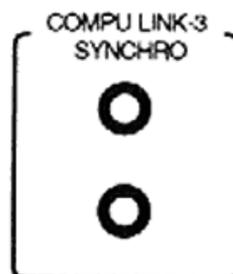
Connections

Connection example
This is the basic connection example of the JVC audio components. Connection is done so that all functions are bridged. There is no set order.

Amplifier   Tuner (with the timer function)   CD player   MD/DCC/DAT recorder   Cassette deck

Some record players or MD recorders only have one COMPULINK terminal. In those cases, branch the connections as shown in the diagram below.

Amplifier   Tuner (with the timer function)   CD player   Cassette deck   MD/DCC/DAT recorder

Connect the COMPULINK terminals of each component to each other using the connection cable with mono mini plugs.

* When there is more than one COMPULINK terminal, any terminal can be used.

* Plug the power plugs of each component into the UNSWITCHED outlet or a wall outlet. If components are plugged into the SWITCHED outlet, COMPULINK functions will not work normally.

* If there are no input/output terminals for an MD recorder or DCC deck on the amplifier, use the DAT terminals. If other terminals are used, COMPULINK will not work normally.

Cautions:
* *Among MD recorders, DCC decks and DAT decks, two different types of components cannot be connected in the COMPULINK system at the same time. Select the more commonly used component to connect.*
* *If the amplifier is not connected, only the 'synchro recording' function will work.*
* *The 'timer operation' function will only work if a tuner with a timer function is connected.*

Timer functions

Timers are functions that automatically start an operation such as receiving a station, or playing or recording at a fixed time. Timers are operated by setting a start and end time, and source (CD, cassette deck, etc.) beforehand. The tuner has the following 3 types of timers.

1. REC timer
Allows you to record programs while not at home, by setting the start time (power on), end time (power off) and station you want to record.

2. DAILY timer
Turns the tuner on every day at the same time, by setting the start time (power on), end time (power off) and station you want to record.

3. SLEEP timer
Allows you to go to sleep listening to music by setting an end time (amount of time until power off). The power is turned off automatically.
If you set REC Timer, DAILY Timer, SLEEP Timer so that they overlap one another, the FX-F1RGD selects one of the settings and cancels the other.

> **Timer cautions:**
> 1. Set the clock before using the timers.
> 2. The DAILY and REC timers only operate if the ON and OFF times have been set. If the ON and OFF times are set at the same time, the timer will not work.
> 3. The timer settings may be erased if:
>   - The power plug is pulled out
>   - There is a power failure
>   - If the timer settings become erased, redo the procedure from the start.
> 4. Once set, timer settings are saved until reset.
> 5. Due to the COMPULINK function, the tuner's power turns on 15 seconds before timer start times.

REC timer

See pages 14, 15 for information about COMPULINK-3 Remote Control System (connection to the JVC amplifier), or see the amplifier instructions for complete JVC audio components connections.

1. Press REC
The "REC" flashes on the display.

```
ON  --:--
```

2. Set the start and end times.
First set the start time (on time), then the end time (off time).
- Setting the hours
- Press TUNING/TIMER < or > to adjust the hours, then press MEMORY/CANCEL.

```
ON  17:00
```
Display example (ON time, 17:00)

- Setting the minutes
- Press TUNING/TIMER < or > to adjust the minutes, then press MEMORY/CANCEL.

```
OFF18:00
```
Display example (OFF time, 18:00)

3. Choose PRESET
Press TUNING/TIMER < or > to choose FM or AM, press PRESET/PTY < or > to specify a preset channel, then press MEMORY/CANCEL.

```
P- 1 FM
```
Display example (FM, preset 1)

4. Choose the recording component
Press TUNING/TIMER < or > to choose TAPE or MD.

```
TAPE?
```
Display example (TAPE)

5. Press REC to complete the setting
The "REC" lights on the display when REC is pressed.

- When REC is pressed, the ON time, OFF time, chosen source, preset channel, and chosen recording component are displayed in that order.
  See the cassette deck and MD recorder instructions regarding connections and operations.

6. When the recording start time is reached, recording starts automatically.

7. When the recording end time is reached, recording stops automatically.
- When recording stops, the system power is turned off.
- To quit recording midway, press the cassette deck's or MD recorder's STOP button.
- To cancel the REC timer, press REC to make "REC" go out on the display.

Note:
- *When setting the REC timer for a time you will not be home, put the amplifier's volume to MIN.*
- *Once the REC timer has operated, it is canceled, but the settings remain in memory.*

Cassette deck

MD recorder
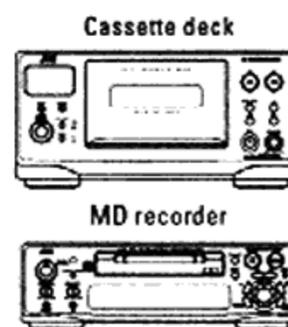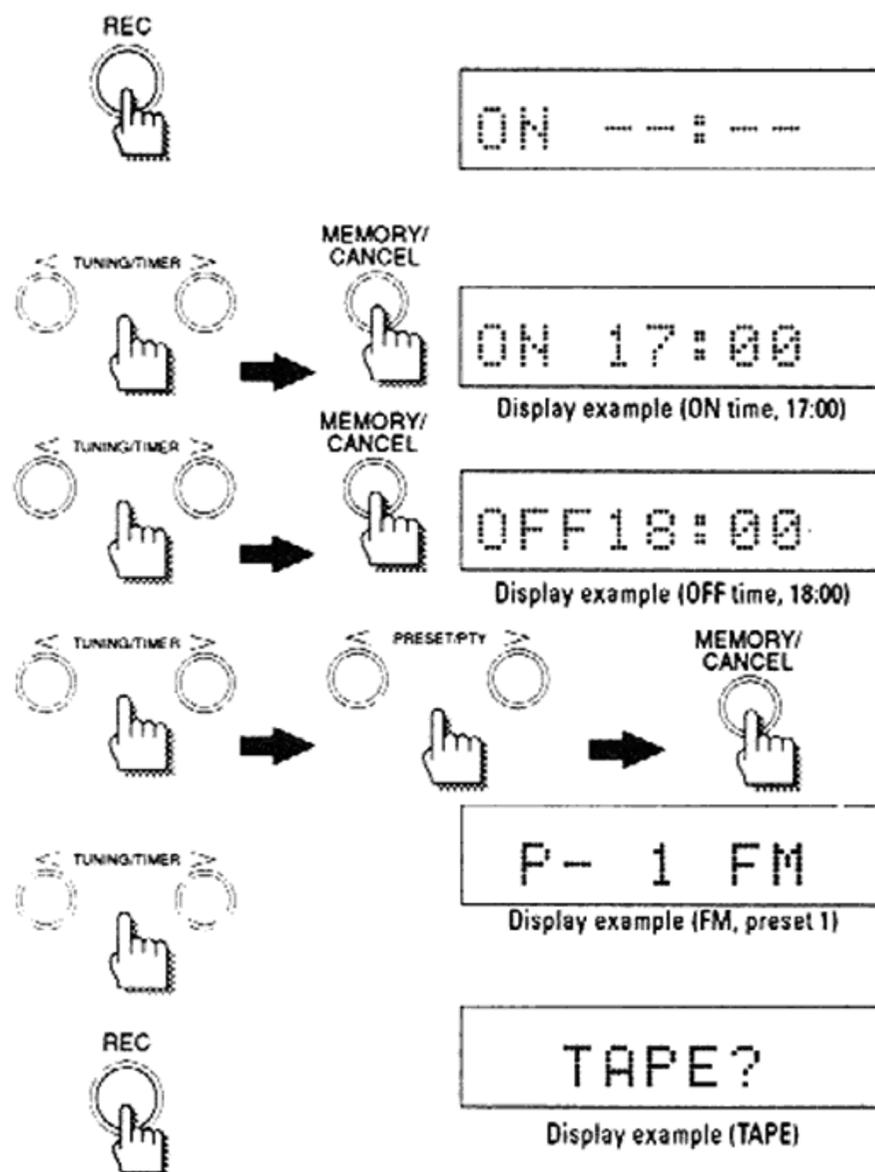
DAILY timer

See pages 14, 15 for information about COMPULINK-3 Remote Control System (connection to the JVC amplifier), or see the amplifier instructions for complete JVC audio components connections.

1. Press DAILY
The "DAILY" flashes on the display.

DAILY

```
ON  -- : --
```

2. Set the start and end times
First set the start time (ON time) and then the end time (OFF time).
* Setting the hours
* Press TUNING/TIMER < or > to adjust the hours, then press MEMORY/CANCEL.

TUNING/TIMER   MEMORY/CANCEL

* Setting the minutes
* Press TUNING/TIMER < or > to adjust the minutes, then press MEMORY/CANCEL.

TUNING/TIMER   MEMORY/CANCEL

```
OFF  8 : 00
```
Display example (OFF time, 08:00)

3. Set the source you want to listen to
Press TUNING/TIMER < or > to choose the source, then press MEMORY/CANCEL.

When choosing the tuner, press PRESET/PTY < or > to specify a preset channel.

TUNING/TIMER   MEMORY/CANCEL

```
Source

C D
```
Display example (the source is the CD player)

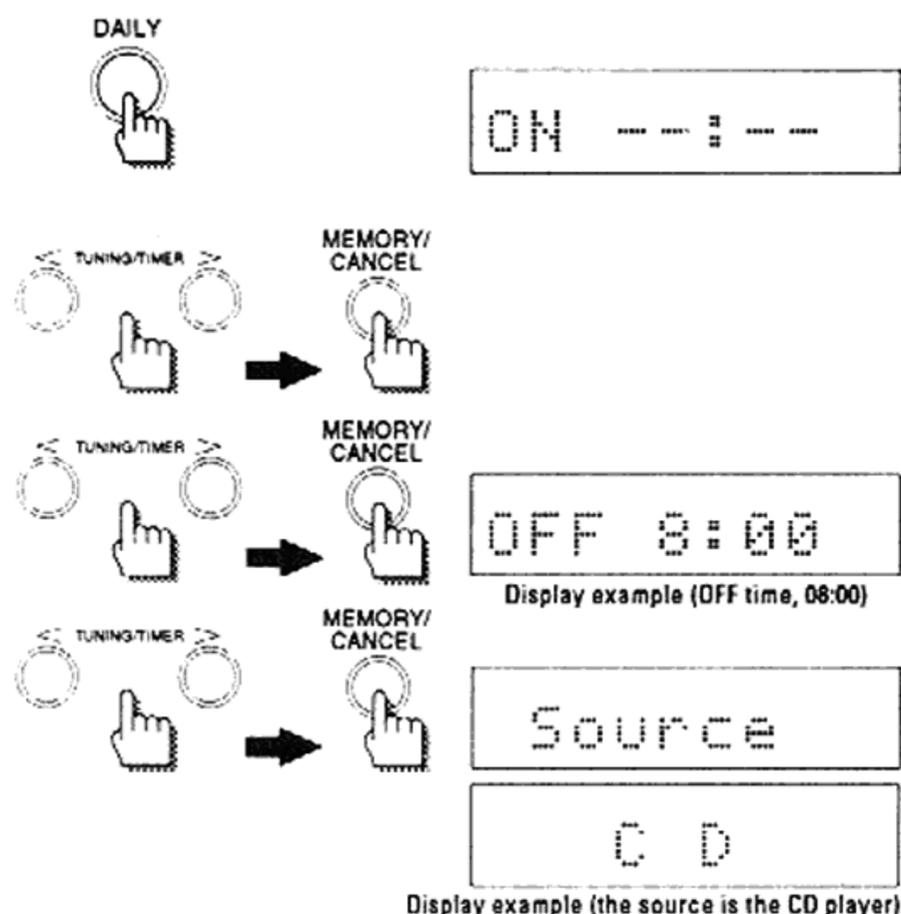## 4. Press DAILY to complete the setting
The "DAILY" lights on the display when DAILY is pressed.

DAILY

* When DAILY is pressed, the set ON time, OFF time and chosen source, (FM or AM preset channel, TAPE, CD, MD) are displayed in that order.
* For MD, see the component's instructions regarding connections and operation.

5. When the start time is reached, the chosen source automatically starts playback.

6. When the end time is reached, the power is turned off.
To cancel the DAILY timer, press DAILY to make the "DAILY" go out on the display.

SLEEP timer

See pages 14, 15 for information about COMPULINK-3 Remote Control System connection (connection to the JVC amplifier), or see the amplifier instructions for complete JVC audio components connections.

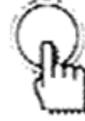### 1. Play the source you want to listen to
For MD, see the component's instructions regarding connections and operation.

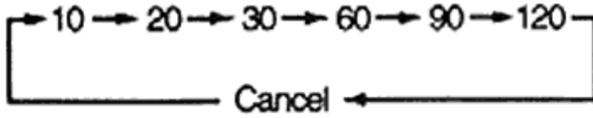### 2. Set the time until power OFF
Press SLEEP to set the time.
The "SLEEP" flashes on the display.

SLEEP

```
1 0 m i n .
```
Display example (set time 10 minutes)

Each time you press SLEEP, the time setting changes as follows.

```
 ┌─10 ─► 20 ─► 30 ─► 60 ─► 90 ─► 120─┐
 └──────────── Cancel ◄──────────────┘
```

When you finish making the time setting, setting completes after 5 seconds, and "SLEEP" lights on the display.
When the set amount of time elapses, the power turns off automatically.

* After setting the SLEEP time, you can press SLEEP again to change the setting.
* To cancel the sleep timer, press SLEEP to make the "SLEEP" go out on the display.

Troubleshooting

- If you are having a problem with your FX-F1RGD, check this list for a possible solution before calling for service.
- If you cannot solve the problem from the hints given here, or the Unit has been physically damaged, call a qualified person, such as your dealer, for service.

SYMPTOM	POSSIBLE CAUSE	ACTION
There is no sound	• Connections are incorrect. • The amplifier is selecting another component.	• Connect the cords correctly. • Set amplifier's SOURCE SELECTOR to the correct setting.
Radio broadcasts cannot be heard	• The antenna is not connected.	• Connect the antenna
There is a lot of radio noise	• The antenna connection is not proper.	• Redo the connection correctly.
The timer doesn't work	• The clock is not set correctly. • The timer setting is incorrect. • The COMPULINK connections are incorrect.	• Set the clock to the correct time. • Set the timer setting to the correct setting. • Connect the COMPULINK cords correctly.

Specifications

FM section

Reception frequencies:	87.5 MHz to 108.0 MHz
Usable sensitivity:	1.5μV / 75 ohms
S/N ratio (with 85 dB input):	Mono 78 dB (IHF-A)
	Stereo 73 dB (IHF-A)
Total harmonic distortion (1 kHz):	Mono 0.1% (DIN)
	Stereo 0.2% (DIN)
Selectivity:	60 dB
Stereo separation (1 kHz):	35 dB
Frequency response:	30 Hz to 15 kHz (+0.5 dB, -3.0 dB)
Antenna input impedance:	75 ohms, unbalanced
Output signal level/output impedance:	480 mV/1.2 k ohms (DIN)

AM section

	MW	LW
Reception frequencies:	522 kHz to 1629 kHz	144kHz to 288 kHz
Usable sensitivity:	300μV/m (loop antenna)	600μV/m
Total harmonic distortion (1 kHz):	0.5%	0.5%
S/N ratio:	50 dB	50 dB

Clock/timer section

Timer format:	1 day type, 2 system (DAILY, REC timer)
DAILY, REC timer interval:	1 minute to 23 hours 59 minutes
SLEEP timer:	10 minutes to 120 minutes
Time display:	24 hour display
Power requirements:	AC 230V∿, 50 Hz
Power consumption:	9 watts
	2.5 watts (STANDBY)
Dimensions:	245 x 80 x 284.5mm (W/H/D)
	9-11/16 x 3-3/16 x 11-3/8 inches
Mass:	2.0 kg (4.5 lbs)

Specifications and appearance subject to change for improvements without prior notice.