

I. Introduction

The FAR-7300A 6.1-channel A/V Processor adds rear-center surround capability, and Dolby Digital EX and DTS-ES decoding.

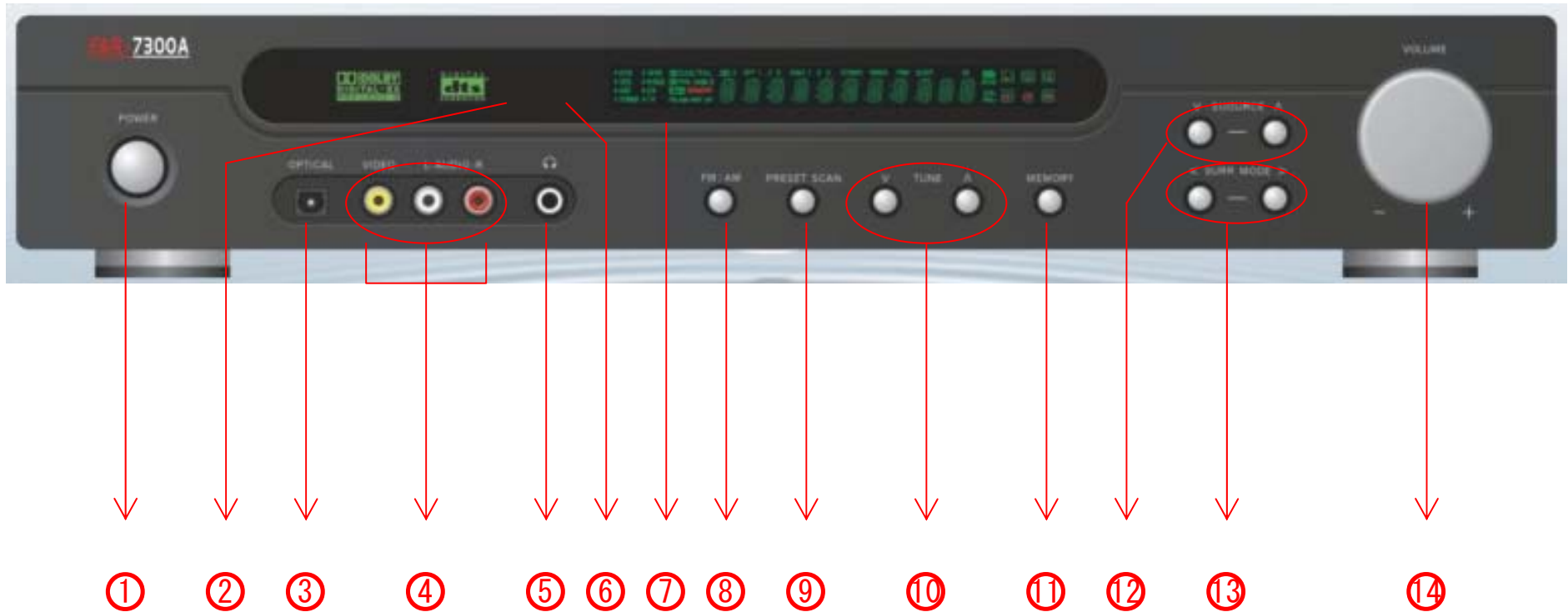
Many of the latest DVD releases contain Dolby Digital EX and DTS-ES soundtracks, which include a center surround channel for 6.1 surround sound. The FAR-7300A is compatible with these new formats, as well as Dolby Digital and DTS 5.1 encoded titles. The Processor also includes Dolby Pro Logic II processing, which can derive a satisfying multichannel experience from two-channel sources.

The on-screen display and fluorescent front panel display make setup and operation of the receiver easy and fast. Speaker configuration and delay settings allow for simple optimization of any speaker arrangement. The processor high quality AM/FM tuner section has 40 random presets, and FM automatic scan tuning.

II. Features

- ✓ DTS, DTS-ES Discrete / Matrix 6.1, DTS Neo : 6.
- ✓ DOLBY DIGITAL, DOLBY PRO LOGIC II.
- ✓ DOLBY DIGITAL EX.
- ✓ Last Listening Mode Memory.
- ✓ 6.1 Channels External Input.
- ✓ 3 Digital Sound Processor Mode: Hall, Stadium, Theater
- ✓ Mid-Night Mode.
- ✓ On Screen Display.
- ✓ Adjustable Digital Delay.
- ✓ 5 Audio / Video Input.
- ✓ 2 Optical and 2 Coaxial digital input.
- ✓ 3 levels VFD Display Dimmer.
- ✓ 40 AM/FM Station Preset.
- ✓ O/P power: 30W x 6CH

III. Front Panel Description



① POWER

Pressing this button while the main power is turned on the STANDBY indicator lights up and the front display turns off. Pressing it again returns it to the power state. This state turns on the display, displays control functions, and turns on all output to the main zone.

② STANDBY indicator**③ D5 (OPTICAL)**

There is the digital audio input. The input accept digital audio signal from compact disc, LD, DVD, or other digital source component.

④ V7 (Composite Video + Analog Stereo L/R)

For connecting a video camera, game device or potable device.

⑤ Ear Phone Output (6.3Ø Phone Jack)

This is a standard stereo jack for connecting stereo headphones.

⑥ Remote control sensor**⑦ Front display****⑧ AM/FM**

Pressing this button while system entry AM/FM tuner mode, pressing again to switch AM or FM function.

⑨ PRESET SCAN

Pressing this button while system recalled user station from system memory, pressing again to find next station of user memorized.

⑩ TUNING ▲ / ▼

To tune into radio station, press the TUNING ▲ / ▼ buttons. The tuner frequency is display in the front display and it can be changed in 50-kHz increments for FM and 10-kHz (or 9-kHz) increments for AM.

When FM is selected as the input source, you can hold down either the TUNING ▲ or ▼ button and then release it to activate the auto-search features. It will search for a station in the direction of the button you pressed and stop when it tunes in to one.

⑪ MEMORY

Press to assign the radio station that you are currently tuned into a preset channel.

⑫ SOURCE ▲ / ▼

These buttons are used to select the input source.

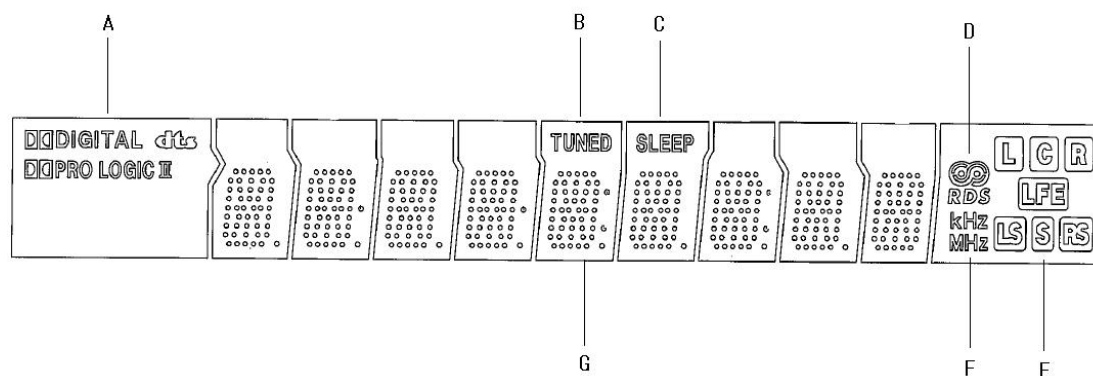
⑬ SURR MODE ▲ / ▼

Press these buttons to select a surround mode for the current input source. Press the DIRECT, STEREO, and SURROUND button to select a listening mode directly.

⑭ MASTER VOLUME dial

Use to control the volume.

IV. Front Display



A. Listening mode or digital input format indicators

One of these indicators lights to show the format of the current input source. In addition, one of the surround mode indicator light to indicate the current surround mode.

B. TUNED indicator

Lights when a radio station is received.

C. SLEEP indicator

Light when the sleep timer is turned on.

D. RDS indicator

Light when RDS signal is received.

E. Speaker indicator

Light when user select channel of speaker to adjustment. In the normal play mode, speaker indicators display current program status.

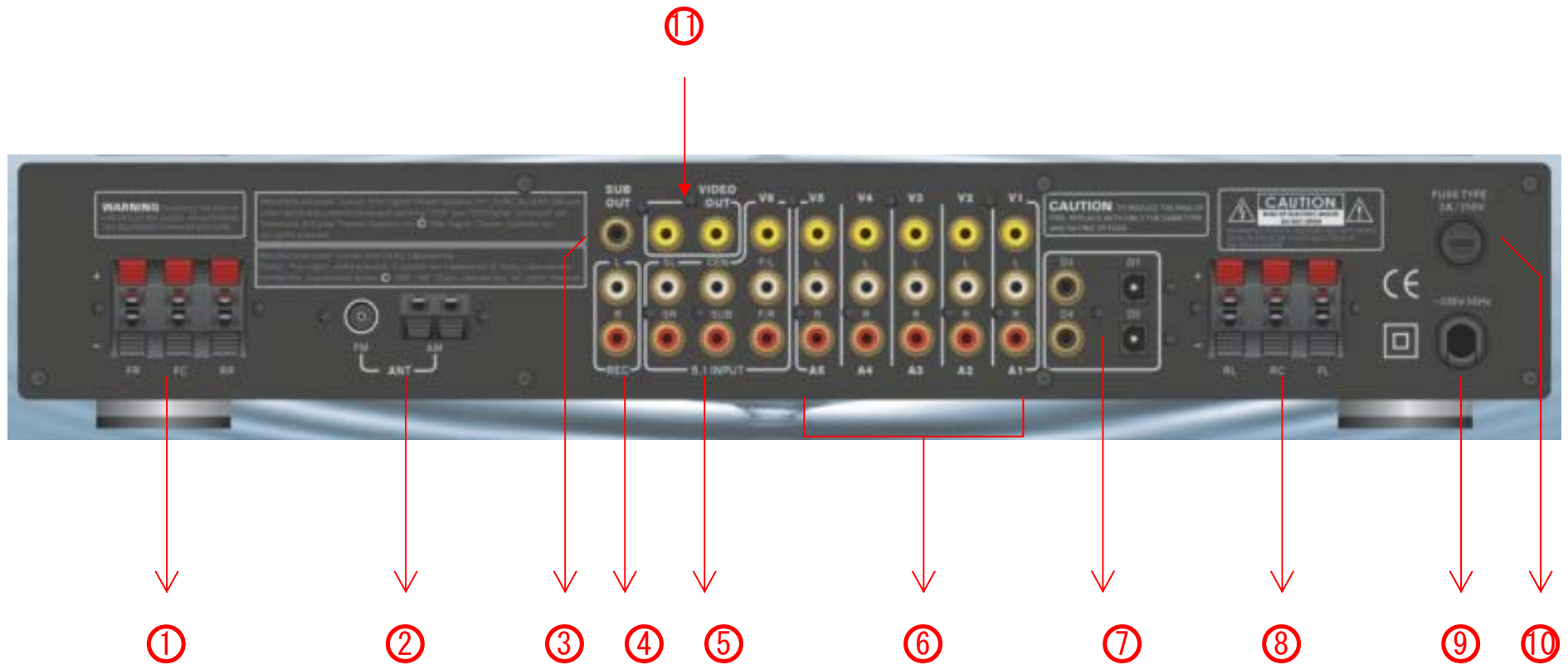
F. KHz / MHz indicators

Light when system displays tuning frequency.

G. Multi function display

During normal operation, shows the current input source and volume. When the FM or AM input selected, shows the frequency and preset number. When any function setup, shows function status and value of function adjustment.

V. Back Panel Description



① SPEAKER terminal

FR, RC, RR channels amplifier output speaker terminal, connect speaker wire to speaker. Attention: red wire connects to red speaker terminal and black wire connects to black speaker terminal.

② AM/FM Antenna terminal**Connecting the FM indoor antenna:**

The FM indoor antenna is for indoor use only. During use, extend the antenna and adjust its orientation until the clearest signal is received. Fix it with push pins or similar items in the position that will cause the least amount of distortion.

Connecting the AM loop antenna:

The AM loop antenna is for indoor use only. Set it in the direction and position where you receive the clearest sound, Put it as far away as possible from the television, speaker cables, and power cords.

③ SUB OUT

Subwoofer output pre-output, connecting to active subwoofer speaker.

④ RECORD OUT

Stereo audio record output. Connect to VCR, TAPE or stereo storage devices.

⑤ V6 (5.1 Inputs + Composite Video)

Multi channels external input, connecting to DVD, Set Top Box or any multi-channel output devices.

⑥ V5, V4, V3, V2, V1 (Stereo Inputs + Composite Video)

Stereo input, connecting to VCR, TV, CD or other stereo output devices.

⑦ D1, D2, D3, D4 digital audio input

D1 and D2 are optical fiber input interface, D3 and D4 are coaxial input interface with 75Ω impedance. User can use these input to transfer compression data like Dolby Digital and Dts data.

⑧ SPEAKER terminal

FL, FC, RL channels amplifier output speaker terminal, connect speaker wire to speaker. Attention: red wire connects to red speaker terminal and black wire connects to black speaker terminal.

⑨ AC POWER CORD**⑩ FUSE HOLDER****⑪ VIDEO OUTPUT**

Composite video with OSD output, connect to TV or other display device.

VI. Remote Keys Description

① POWER

Pressing this button while the main power is turned on the STANDBY indicator lights up and the front display turns off. Pressing it again returns it to the power state. This state turns on the display, displays control functions, and turns on all output to the main zone.

② MUTE

Pressing this button while shows "Muting On" on multi functions display of front display and sound output stop. Pressing it again while shows "Muting Off" on multi functions display of front display sound output start.

③ VOLUME ▲ / ▼

Pressing these buttons controls master volume increased and decreased.

④ ADJ ▲ / ▼

Pressing these buttons controls function parameter increased and decreased.

⑤ TEST

This button is used to set speaker output levels. Use this button on conjunction with ADJ ▲ / ▼ to calibrate the speaker levels. Test function changes pink noise output channel automatically.

⑥ SOURCE ▲ / ▼

These buttons are used to select the input source.

⑦ DIRECT

Press this button to select 5.1 source input.

⑧ SURR MODE ▲ / ▼

Press these buttons to select s surround mode for the current input source. Press the DIRECT, STEREO, and SURROUND button to select a listening mode directly.

⑨ Level

Press this button to select channel for level adjustment. Press it again to select another channel for level adjustment. Use this button in conjunction with ADJ ▲ / ▼ to calibrate the speaker output levels on normal play mode.

⑩ CENT DLY

Press this button to select center channel for delay adjustment. Use this button in conjunction with ADJ ▲ / ▼ to calibrate the center delay times.

⑪ REAR DLY

Press this button to select rear channel for delay adjustment. Use this button in conjunction with ADJ ▲ / ▼ to calibrate the rear delay times. In the pro logic mode, rear channel will get 15 mS additional delay times.

⑫ SPK CFG

Press this button to set speaker configuration, press it again to change speaker. Use this button in conjunction with ADJ ▲ / ▼ to select speaker status.

⑬ MID-NIGHT

Press this button to enable / disable mid-night mode.

⑭ AM/FM

Pressing this button while system entry AM/FM tuner mode, pressing again to switch AM or FM function.

⑮ TUNING ▲ / ▼

To tune into radio station, press the TUNING ▲ / ▼ buttons. The tuner frequency is display in the front display and it can be changed in 50-kHz increments for FM and 10-kHz (or 9-kHz) increments for AM.

When FM is selected as the input source, you can hold down either the TUNING ▲ or ▼ button and then release it to activate the auto-search features. It will search for a station in the direction of the button you pressed and stop when it tunes in to one.

⑯ PRESET SCAN

Pressing this button while system recalled user station from system memory, pressing again to find next station of user memorized.

⑰ MEMORY

Press to assign the radio station that you are currently tuned into a preset channel.

⑱ ST/MONO

Press this button to set FM radio in stereo receive mode or mono receive mode. If user can't receive clearest signal in stereo mode, change to mono mode is better than stereo mode.

⑲ DISPLAY

Press this button to display status of source input information, display shows source input information 5 seconds return to normal display mode.

⑳ SETUP

Press this button to change some factory default parameter, Use this button in conjunction with ADJ ▲ / ▼ to setup function parameter.

㉑ SLEEP

Press this button to set sleep times. When set up times count down finished, system power off automatically.

㉒ RESET

Press this button to reset all parameter value to factory default value.