

The screenshot shows the SONARC web interface with the 'In/Out Settings' tab selected. The 'AUTO ON' section is highlighted, showing a dropdown menu for 'Auto On Method' with options: Power Button, Voltage, Voltage - Green, IP, and Audio. The 'Power Button' option is selected. Other settings visible include IP Setup (DHCP: ON, IP Address: 192.168.1.20, IP Subnet Mask: 255.255.255.0), ID AMP MODE (Flash Power Switch: OFF), and a section for Backup/Restore (Ai Settings: RESTORE, BACKUP, PRINT; Print - Ai Settings: PRINT).

Auto On Options

DSP2-150 - Starting with V2.07 firmware an additional Auto On method has been included (Voltage – Green)

DSP8-130 - Starting with V2.59 firmware an additional Auto On method has been included (Voltage – Green)

DSP2-750 - Starting with V2.95 firmware an additional Auto On method has been included (Voltage – Green)

Auto On

Auto On Method

Simply select the auto on method you would like to use with the blue pull down menu. The five methods are listed below. It is strongly recommended that you set the auto on method to POWER BUTTON to avoid unintended shut offs while configuring the amplifier. You can return at anytime to this setting and select the final method of auto-on for your installation.

Voltage

In the Voltage Auto On mode the amplifier will power off immediately when the trigger voltage has been removed. When a 3-30V AC or DC voltage is sent to the amplifier it will take approximately 9-12 seconds for the amplifier to reproduce audio after going through its power up sequence. In Voltage Auto On mode, the sleep function is active, see sleep mode note.

Voltage - Green

In the Voltage Green Auto On mode the amplifier will power off immediately when the trigger voltage has been removed. When a 3-30V AC or DC voltage is sent to the amplifier it will take approximately 9-12 seconds for the amplifier to reproduce audio after going through its power up sequence. In Voltage Auto On mode, the sleep function is active, see sleep mode note. **In Voltage Green mode the Ethernet connection is not active when the amplifier is off.**

IP

When the IP Auto On method is selected, the amplifier will remain on until an OFF IP command is sent to the amplifier. When the IP ON command is sent to the amplifier it will take approximately 9-12 seconds for the amplifier to reproduce audio after going through its power up sequence. Also available in the IP commands is the ability to put individual output groups to sleep and wake them up, see sleep mode description below. In IP Audio ON mode, the sleep function is active, see sleep mode note below.

IR

When the IR Auto On method is selected, the amplifier will remain on until an OFF IR command is sent to the amplifier. When the IR ON command is sent to the amplifier it will take approximately 9-12 seconds for the amplifier to reproduce audio after going through its power up sequence. (In the IR Auto ON mode, the sleep function is active, see sleep mode note below.)

Audio

In the Audio Auto On mode the amplifier will power off after 15 minutes without and audio signal present on any of the channels. When an audio signal is applied the amplifier will take approximately 9-12 seconds for the amplifier to reproduce audio after going through its power up sequence. In the audio Auto ON mode the sleep function is active, see sleep mode note below.

Power Button

When the Power Button Auto On method is selected, the amplifier will remain on at all times. The sleep function is active in the power button mode, see sleep mode note below. Auto On Delay If multiple amplifiers are connected to the same electrical circuit it might be necessary to stagger the turn on of each amplifier. Under normal conditions this can be set to 0 milliseconds.

NOTE: THE DSP SERIES AMPLIFIERS FEATURE A SLEEP MODE THAT OPERATES IN CONJUNCTION WITH ALL TURN ON METHODS. THE SLEEP FUNCTION IS ENGAGED ON A PER CHANNEL BASIS. WHEN AN AUDIO SIGNAL HAS NOT BEEN DETECTED FOR 15 MINUTES THE AMPLIFIER CHANNEL WILL GO TO SLEEP. WHEN A SIGNAL IS APPLIED TO THE CHANNEL THE AMPLIFIER WILL TAKE 2-12 SECONDS TO WAKE UP FROM THE SLEEP STATE, DEPENDING ON AUTO ON METHOD. THIS IS REQUIRED TO COMPLY WITH THE EU < .5 WATT ERP DIRECTIVE.(EC/1275/2008).