



## AX100G Quick Guide

This AX100G quick guide will help you learn all about this great new pedal in a short period of time, plus the facts on why it's so cool for live, stage, direct recording, practicing, teaching and just plain music therapy fun.

### Key Features and Performance Specifics

- Korg's REMS (**R**esonant structure and **E**lectric circuit **M**odeling **S**ystem) modeling technology, provides complex and exacting detail in modeled amps, and effects. Korg's leadership in signal processing technology gives the guitarist the tone and feel that they've been searching for.
- Within each program, using the footswitch's ("FX SEL") effects select mode, the user can footswitch between 2 different drive sounds (a.k.a. channel switching), plus turn the Mod/Amb effects on/off.
- 80 programs, 40 user/ 40 factory, 63 modeling effect variations, and up to 7 effects and rhythm sounds can be used simultaneously.
- Well backlit LCD display, for easy visibility and editing even in dark locations.
- Auto chromatic tuner, with effects bypass and tuner mute modes, (Great for silent on stage tuning).
- Expression pedal, controls 23 different effects in real time and has a new 7-point LED indicator that gives a visual display of expression pedal values.
- Tap tempo, lets you instantly tap in delay time.
- Virtual feed backer, infinite sustain at any volume or tone, also generates controlled feedback and vibrato.
- Intelligent pitch shifting, lets you create harmony guitar lines, choose the scale and key, the AX100 will adjust the intervals. (Cool Pro Feature).
- 10 different drive modes, which including an acoustic simulator, Marshalls, Voxs and some really cool classic stomp box models, similar to the tremendously successful Korg AX1000G, wah-wah, envelope filter, ring modulator, 16 modulation, 7 ambient effects including up to 2 seconds of delay, 6 accurate cabinet emulations. (But wait there's more).
- Phrase trainer mode, lets you record your guitar or external auxiliary audio source (CD) up to 8 seconds then slow it down to as slow as 25% without changing pitch. (Auxiliary audio In jack provided) Also the recorded phrase will Loop, this is very helpful when learning difficult chord changes or solos.

- Sample & Play, lets you use the expression pedal to control your own loops and samples in real-time with up to 6 seconds of phrase sampling.
- Slow Attack, automatic volume swells, controlled by how hard you pick the strings.
- 50 high quality PCM sample rhythm patterns. (Makes practicing a lot more fun)
- 10's hold, lets you lock into a bank so you can scroll through you favorite 4 programs without accidentally recalling an unwanted program. (Excellent for Live use)
- Cable guide, helps keeps your cable out of your expression controller.

## Getting Started

1. Route guitar cable under AX100 through cable guide
2. Set input level (H= hum bucking, L= single coil),
3. Plugging guitar in will turn AX100 on and off if you are using batteries, if using a power supply unit will stay on (9volt DC, 500 ma).
4. Master volume is located next to output jack, for instant rotary access.
5. Change programs Up and Down, using program up and down buttons, or press and hold "FX SELECT" switch down for 2 seconds to enter the bank select mode.
6. Programs are organized in 10 banks (0-9) with 4 programs in each bank. User banks are indicated by a period in bottom left of screen. (A period between the bank # and program # indicates the 10's hold feature is on and may be turned ON/OFF by pressing both the "Exit" and "Tap" buttons simultaneously).

## Bypass Tuner Mode

1. Press and Hold down the program "Up" and "Down" switches simultaneously for 1 second, this will bypass the effects and turn on the tuner.
2. Hold the "Up" and Down" switches simultaneously for 2 seconds to turn on the Tuner Mute Mode. (Great for silent tuning on stage).
3. To return to program play, press either switch Up, Down or both.

## FX Select Mode

Each program has 2 drive channels and an effect that may be turned on/off.

1. Tap the smaller third footswitch labeled "PROG/FX SELECT" (left side)

2. The LCD display now reads "FX SEL" in this mode the program down button will toggle your drive channels between "GREEN" and "RED", the program up switch will turn ON/ OFF, Modulation, Ambient or both Modulation and Ambient effects.
3. Tap the "PROG/FX SELECT" switch to return to program play mode

## Edit Mode

1. You may adjust your gain and tone settings instantly, by simply adjusting the labeled knobs; (L-R) Drive Amp (knob is set aside, to prevent unintentional editing), Gain, Treble, Middle, Bass, Level (these 5 knobs will serve as our data controls as well)
2. You can tap in the delay tempo instantly any time (if the program has delay)
  - For an example lets use an existing program, and make some edits to it (at this point you should turn unit on), #01 "STATIC" lets change the reverb into a delay,
    1. Reverb and Delay are ambient effects, so press the edit button to the left of AMB on control panel (just left of the expression pedal).
    2. "ROOM 2" is displayed, directly below it- the EDIT light is flashing, to the right above master an envelope reads -ORIG (for original) this means this program has the 2<sup>nd</sup> room reverb variation already programmed in. If you want to know the mix level of effect, turn the reverb mix knob (LEVEL) till the "ORIG" light comes on (6.0).
    3. "GAIN" knob will now adjust the ambient type (turn it, yes both ways), find delay (full counterclockwise)
    4. Take this time to look at the control panel, reading from left to right find the line labeled AMB (same line with the flashing red light) TYPE= fx variation, TIME= length of delay, TONE= EQ of delay effect, FEEDBACK= number of delays, MIX= adjusts the level of effect.
    5. Now, if you don't like the delay tempo, you can tap in the rhythm on the tap button or you can readjust it on the 2nd (Treble) knob.

Go up 2 lines and experiment with the "MOD" or modulation line. Remember to press the MOD edit button.

## Expression Pedal

1. The expression pedal has an ON/OFF button located on the toe end.
2. If the selected program has an expression-controlled effect it may be turned ON/OFF with this button.

3. If the toe button is in the off position when you call up the next program, you will need to turn the toe switch back on for effect.
4. To edit the effect of the Expression Pedal, please push the Pedal button located on the editing control panel (to the left of the pedal).

### Phrase Trainer

1. Press the phrase trainer edit button
2. Choose aux in for external audio, (first data knob "GAIN").
3. Audio signal will pass through.
4. Press the FX SELECT button to begin recording, if less than 8 seconds press the same button and your music will now loop, otherwise it will start looping automatically when 8 seconds is reached.
5. Slow down the track by using your second data knob (treble).
6. Start and stop track by using down switch.
7. Hold a note or pitch by using the up switch.
8. Reverse or back-up by using both up and down at the same time

### Sample and Play

1. Program #64
2. Press expression pedal forward till pedal indicator LED begins flashing
3. Play for 6 seconds, (LED should stop flashing and turn red while it records).
4. After recording is done, move pedal forwards- sample plays
5. Move pedal back, sample plays in reverse

### Sample Loop

1. Program #63
2. Repeat the above steps 2 & 3
3. Now your phrase is looping and you can control the loop volume.

### Rhythm patterns

1. Push the Rhythm button on panel.
2. Knob 1 does the rhythm patterns.
3. Knob 2 adjusts tempo.
4. Knob 5 adjusts rhythm pattern volume.

### Virtual Feed backer

Go to program #54- Play a single note for best results.

1. Pedal in full down position adds vibrato to sustaining note.
2. Back off half way for infinite sustain.

3. Back off more to control the effect mix level.

## DEMONSTRATION

Turn on the rhythm patterns and jam along.

Examples; 16shuffl2 @104 tempo, play **Stevie Wonder's "Superstition"**

Motown @122 tempo, **Diana Ross' "Stop in the Name of Love"**.

Choose from Blues, Rock, Thrash, Reggae, Country, etc.

There is a cool assortment of artist programs as well.

#02 "Filter" the green channel is the acoustic simulator-red channel is a fat distortion.

#24 Satch is 2 wicked distortions with delay and wah (turn wah on/off with toe).

#31 demonstrates real time tape echo FX (use expression pedal to change tape speed.).

#32 whip out a Santana lick (auto-wah, ON/OFF in "FX SEL" mode).

#34 Ring Modulator (program on an echo, show how easy it is to edit).

#43 "Surf" tremolo (speed controlled by pedal).

#51, 52, 53 (really fine straight ahead amp and reverb tones).

#54 Feed backer

#61, 62, Intelligent Pitch Shifter

#63 Loop (Phrase Looping)

#64 Fwd/Bk (forward & reverse phrase sampling)

#70's & 80's highlight individual FX

## Reset Factory Programs

1. Disconnect power supply (Warning: turn amp volume down first)
2. Simultaneously hold the "FX SEL" and "EXIT" buttons down, and then plug in the power supply or last Battery.
3. LCD reads "RELOAD"
4. Press "WRITE" to reset factory programs, all edited user programs will be erased, or press "EXIT" to abort Reset.