

aD5

Electronic Drums

EN

JA

DE

FR

IT

ES

PT

NL

DA

Quick Start Guide

Welcome.

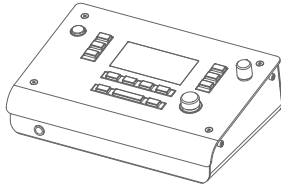
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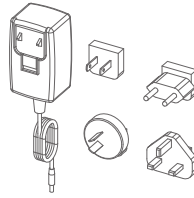
Before using the aD5, be sure to read "4 Important Notices" (p. 14).

■ Packing list

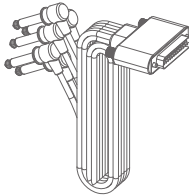
The following items are included with this product.



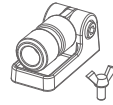
aD5 Module



AC adapter



Multi trigger cable



Stand adapter

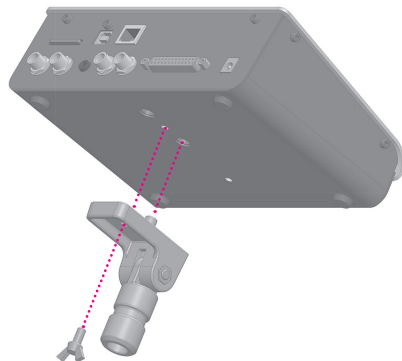


Quick start guide (this book)

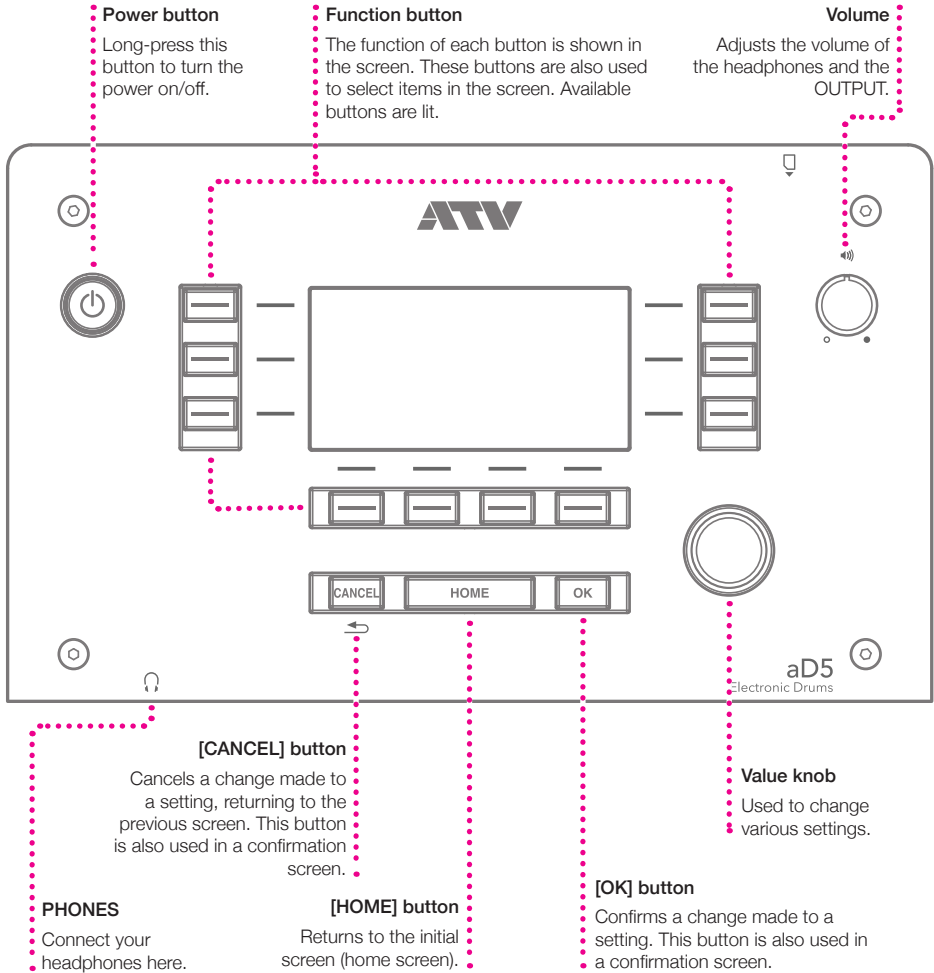
■ Attaching the stand adapter

If mounting the aD5 on a stand, use the attachment screws to fasten the included stand adapter to the bottom surface of the aD5.

The aD5 can be mounted on a microphone stand. Use the W3/8 screw hole on the bottom of the aD5.

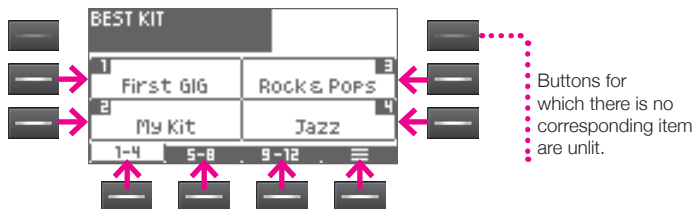


■ Top panel



About the function buttons

Use the function buttons to select the corresponding items or functions in the screen.



■ Rear panel

USB

The aD5 can be connected to a Mac or Windows PC, allowing MIDI messages to be transmitted and received. Use a USB 2.0 cable.

SD CARD

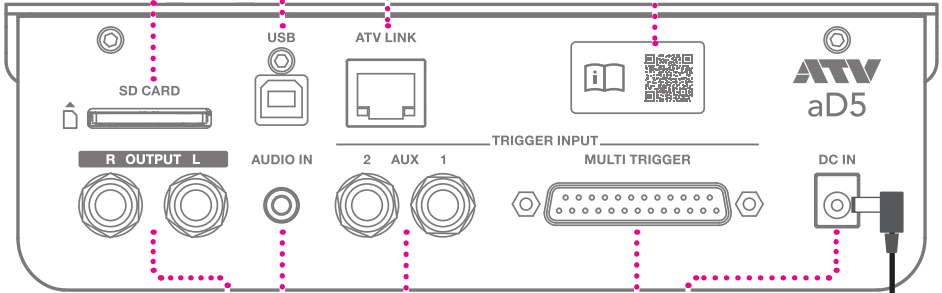
You can use a card to back up the aD5's data or to load sound data. SD/SDHC cards with a capacity of up to 32 GB are supported.

ATV LINK

This has no function at the present time. We plan to provide a firmware update that allows this to be connected to other devices.

QR code

Use this to access the manual, the latest firmware, or sound data on the ATV website.



OUTPUT

These jacks output the audio signal. Connect them to powered speakers or a mixer.

AUX 1, 2

Additional pads can be connected here to expand your drum kit.

DC IN

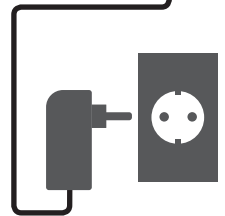
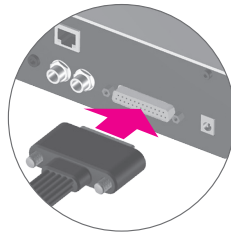
Connect the included AC adapter here.

AUDIO IN

You can connect your music player here and listen to its sound mixed with the audio produced by the aD5.

MULTI TRIGGER

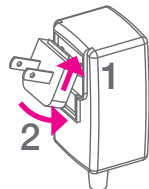
Connect the included multi-trigger cable here to input trigger signals from the pads.



About the AC adapter

The AC adapter can be used worldwide. Attach the included plug that is suitable for the type of outlet in your country.

* You must use only the included AC adapter and plug.

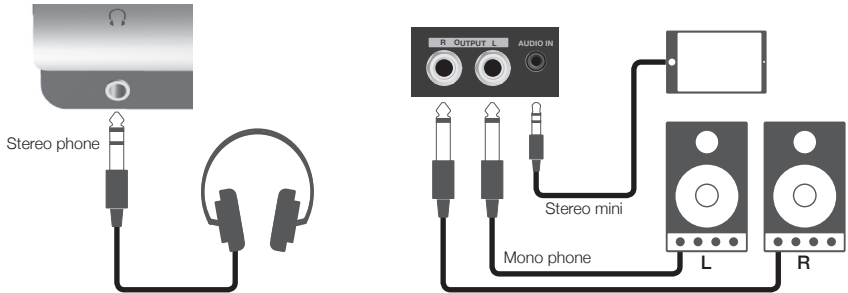


1 Getting Ready

In order to use the aD5 you'll need the following (commercially available) items.

■ Audio

- Headphones or powered speakers
- If you connect the headphone port of your PC or tablet to the AUDIO IN jack, you'll be able to play along with songs.

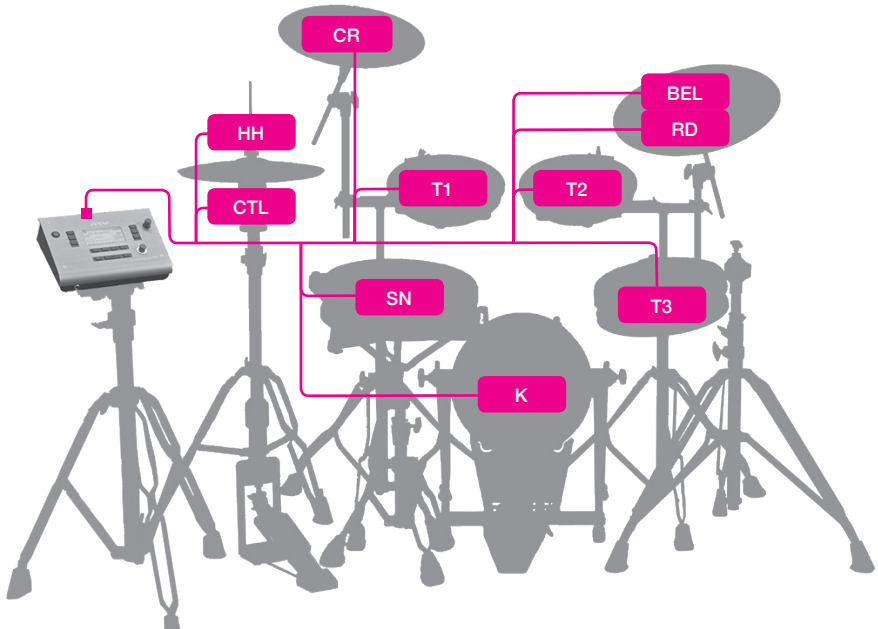


■ Pads

- Drum pads, cymbal pads, kick triggers, etc.
- Stands, drum sticks, kick pedal, drum throne, etc.

Connect the aD5's multi-trigger cable to your pads.

Note the connection destination written on each plug of the multi-trigger cable, and connect them as shown in the illustration.



■ Zones supported by the aD5's trigger inputs

aD5 trigger input	Supported zone	Choke method	Notes
KICK (K)	Head		
SNARE (SN)	Head, Rim	YES	<ul style="list-style-type: none"> • Switch between rimshot and side stick for Yamaha 3-zone pads • The controller knob of Yamaha pads is not supported. • Choke technique is supported if a cymbal pad is connected
TOM 1 (T1)	Head		
TOM 2 (T2)	Head		
TOM 3 (T3)	Head		
HI-HAT (HH)	Bow, Edge	YES	<ul style="list-style-type: none"> • Rim is not supported for Roland mesh pads
CRASH (CR)	Bow, Edge	YES	<ul style="list-style-type: none"> • Cup is not supported for Yamaha three-zone cymbals • Rim is not supported for Roland mesh pads
RIDE (RD/BEL)	Bow, Edge, Cup	YES	<ul style="list-style-type: none"> • Three-way triggering is supported for Roland ride cymbal pads (use the BEL plug) • Select either Edge or Cup for Yamaha three-zone cymbals • Rim is not supported for Roland mesh pads
AUX 1	Head, Rim (Bow, Edge)	YES	<ul style="list-style-type: none"> • Select either rimshot or side stick for Yamaha three-zone pads
AUX 2	Head, Rim (Bow, Edge)	YES	<ul style="list-style-type: none"> • Select either Edge or Cup for Yamaha three-zone cymbals • The controller knob of Yamaha pads is not supported.

* For details on connecting and playing pads made by the respective manufacturers, refer to the owner's manual of each pad.

* To connect pads to the AUX 1 or AUX 2 trigger inputs, use the cable included with each pad.

* Touching an unused plug of the multi-trigger cable to metallic things can cause unintended triggering. Protect unused plugs with adhesive tape to avoid this.

■ Turning the power on

1 Lower the volume of the connected amp or speakers.

2 Long-press the power button of the aD5.

The power turns on.

■ Turning the power off

1 Lower the volume of the connected amp or speakers.

2 Long-press the power button of the aD5.

The power turns off.

All settings are saved.

* Disconnecting the AC adapter without turning off the power will cause malfunctions. You must turn off the power by pressing the power button.

■ Turning the power off automatically (auto power-off)

If the aD5 has not been played or operated for 30 minutes, it automatically turns off the power in order to conserve electricity. You can disable this function. For details, refer to the "Reference Guide" PDF (p. 13).

■ Trigger settings

You'll need to make trigger settings when using the aD5 for the first time or after you've changed the types of pads. This allows the data from the pad sensors to be processed correctly so that the aD5's performance capabilities can be fully utilized.

The aD5 has two settings wizards, allowing you to complete the settings simply by striking pads as directed in the screen.

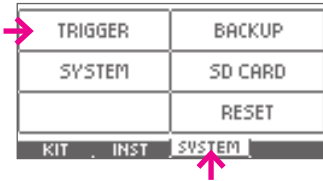
<1> Crosstalk Cancel Wizard

This prevents "crosstalk," when the vibration from hitting one pad is transmitted to another pad causing it to sound.

- 1 Press the [HOME] button, and then press [≡].



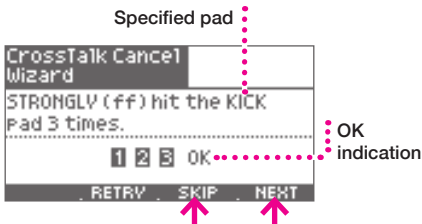
- 2 Select the [SYSTEM] tab, and then press [TRIGGER].



- 3 Press [Crosstalk Cancel Wizard].



- 4 As directed in the screen, strongly hit the specified pad three times.



* If you press [RETRY], the previous strikes are discarded.

- 5 When the screen indicates "OK" press [NEXT] to proceed.

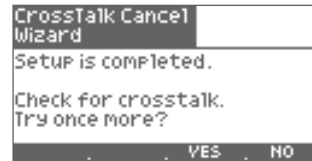
- 6 Repeat steps 4–5 in the same way.

The aD5 calculates the state of crosstalk for all of the connected pads.

* We recommend that you play a rimshot when striking the snare pad.

* If the specified pad is not connected, press [SKIP].

- 7 When the following screen appears, play the pads to verify that there is no crosstalk, and then press [NO].



* If there is crosstalk, press [YES] and repeat the wizard once again.

In some cases, it might not be possible to completely eliminate crosstalk. The following actions might improve the situation.

- Increase the distance between the pads.
- Mount the pads on separate stands.
- Place the system on a stable floor.
- Adjust the tension of the mesh pads.

<2> Trigger Setup Wizard

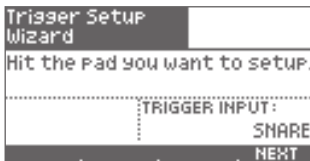
This wizard measures the sensor output of each pad, and sets the appropriate values so that your performance is accurately reflected by the sound.

- 1 In step 3 of the preceding section, press [Trigger Setup Wizard].



- 2 Lightly strike the pad that you want to set up.

The pad you strike is shown.

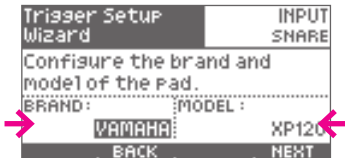


- 3 If the indicated pad is correct, press [NEXT].

* If the wrong pad is shown, strike the pad again.
If the wrong pad is still shown, check the pad connections.

- 4 Specify the manufacturer and model of the pad.

Select the item, and use the value knob to specify the correct setting.



- 5 Press [NEXT].

- 6 Using the softest shot (pianissimo) that you will play during performance, hit the head three times. When the display indicates "OK," press [NEXT].

In the case of a cymbal, strike the bow.



- 7 Using the strongest shot (fortissimo) that you will play during performance, hit the head three times. When the display indicates "OK," press [NEXT].

In the case of a cymbal, strike the bow.

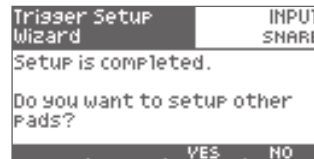


- 8 In the same way, use the strongest shot (fortissimo) that you will play during performance to hit the specified zone three times. When the display indicates "OK," press [NEXT].

Specified zone



- 9 Setup is completed. If you want to set up another pad, press [YES].



Make settings for all pads in the same way. If you are finished, press [NO].

* It will not be possible to make settings correctly if crosstalk is occurring. Execute the Crosstalk Cancel Wizard before you use the Trigger Setup Wizard.

2 Performing

■ Home screen

The home screen is the screen that appears when you turn on the power. From any screen, you can return to the home screen by pressing the [HOME] button. When playing drums, make sure that the home screen is displayed.



Instrument

"Instrument" (INST) refers to the sound you hear when you play each pad, such as a snare drum or ride cymbal. You can change the instrument for each pad.

Instrument group

The aD5 contains numerous instruments. They are organized in to groups according to their type.

Drum kit

A "drum kit" consists of the instruments assigned to each pad. When you change the drum kit to jazz or to rock, all the instruments are changed with this single action.

Kit group

Drum kits can be organized into four groups for management.

■ Performing

Strike a pad, and you'll hear a sound. The sound changes in a natural way in response to the strength of your strike. The screen shows the instrument of the pad that you struck.

Side stick (cross stick)

To play side sticks on the snare pad, turn [SIDE STK] on. You can switch between rimshots and side sticks.

■ Changing instruments

Here's an example of you can assign a different snare drum instrument to the snare pad.

1 Strike the snare pad.

The instrument assigned to the snare pad appears in the screen.

2 Press [INST].



The INST ASSIGN screen appears.

3 Use the value knob or [▲][▼] to change the instrument.



Strike the snare pad to hear the sound.

4 Press the [OK] button to confirm the setting.

If you decide not to change the setting, press the [CANCEL] button.

You can change the instruments of other pads in the same way.

■ Switching drum kits

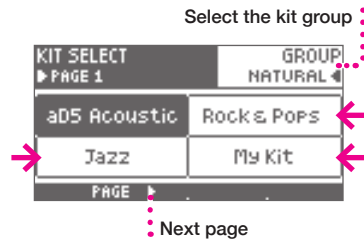
By switching drum kits you can change the instruments of all pads in a single action. The aD5 comes with various drum kits in its memory.

1 Press [KIT].



The KIT SELECT screen appears.

2 Use the function buttons to select a kit.



- Use [PAGE ►] to see the next page.
- Use [GROUP] to change the kit group. If you select ALL, all drum kits are displayed.

The home screen appears, and the drum kit is loaded.

* It takes about 10 seconds for a drum kit to be loaded.

3 Detailed Information

■ Details of functions

The aD5 has many other functions.

For detailed information and a detailed explanation of the functions, refer to the “Reference Guide” PDF.

You can download the “Reference Guide” PDF from the following URL.



<http://products.atvcorporation.com/drums/ad5/>

■ Specifications

Electronic Drum Sound Module

Model: aD5

Item	Specifications
Connection jacks / Interfaces	OUTPUT L/R: mono phone x 2 PHONES: stereo phone AUDIO IN: stereo mini-phone MULTI TRIGGER INPUT: dedicated multi-connector AUX TRIGGER INPUT 1/2: TRS phone USB: 2.0 type B connector (High Speed) ATV LINK: RJ45 LAN connector SD CARD: SD/SDHC card DC IN: only for the included AC adapter
Power supply	DC 12 V
Current consumption	600 mA
Dimensions	197 (W) x 144 (D) x 73 (H) mm 7.8 (W) x 5.7 (D) x 2.9 (H) inches
Weight	1.1 kg

* Specifications and appearance of this product are subject to change without notice for improvement.

■ Support

- Refer to the following URL for frequently asked questions, firmware updates, and other information.






<http://products.atvcorporation.com/drums/ad5/>

4 Important Notices



■ Important safety information










Failure to observe the following safety directives may result in fire, electric shock, injury, or damage to the aD5 or to other items or property. You must read all of the following safety information before you use the aD5.











About the symbols

	"Caution": Calls your attention to a point of caution
	"Do not ...": Indicates a prohibited action
	"You must ...": Indicates a required action

About warnings and cautions

 WARNING	Indicates a hazard that could result in death or serious injury
 CAUTION	Indicates a hazard that could result in injury or property damage

 WARNING	
	Do not disassemble or modify Do not disassemble or modify this product.
	Do not use or store in the following locations <ul style="list-style-type: none"> • Locations of high temperature (in direct sunlight, near heating equipment) • Moist or humid locations (near a bath or shower, or on a wet floor)
	<ul style="list-style-type: none"> • Locations subject to salt damage • Locations subject to water or rain • Excessively dusty locations
	Do not damage the power cord Do not excessively bend the power cord or damage it. Do not place heavy objects on top of the power cord. Doing so may damage the power cord, causing fire or electric shock.
	Use the included AC adapter Use only the included AC adapter. Use the adapter with the voltage that it specifies.
	Turn off the power if an abnormality or accident occurs In the following situations, immediately turn off the power, disconnect the AC adapter from the AC outlet, and contact your dealer or ATV for servicing. <ul style="list-style-type: none"> • If the AC adapter, power cord, or plug is damaged • If smoke is emitted or an abnormal odor is noticed • If liquid or a foreign object enters the unit • If an abnormality or malfunction occurs in the unit
	Do not drop or subject to strong impact Do not drop this product or subject it to strong impact.
	Do not plug or unplug the AC adapter with wet hands You risk electric shock by doing so.

 CAUTION	
	Grasp the power plug when connecting or disconnecting When connecting or disconnecting the AC adapter from the unit, you must grasp the plug rather than pulling the power cord.
	Don't use AC outlet multipliers Doing so will cause the outlet to become hot, causing a fire hazard.
	If the power plug is dusty, wipe it off Dust on the power plug can cause electric shock or short circuits.
	Disconnect the power plug from the AC outlet if not using the unit for an extended time, or if lightning is expected Failure to do so may cause electric shock, fire, or malfunction.
	Disconnect all connections before moving the unit Failure to do so may cause damage to the power cord or cables, or may cause people to trip over the cables.
	Don't place the unit in an unstable location Doing so may cause the unit to overturn, causing personal injury.
	Don't sit or stand on the unit, or place heavy objects on it Doing so may damage the unit. You should also avoid applying excessive force to the buttons, knobs, and input/output jacks. Doing so will cause malfunctions.
	Don't use the unit at high volume for an extended time Using speakers or headphones at high volume for an extended time will damage your hearing.
	Handle the unit with care Take care that your hands or fingers are not injured by corners or openings in the unit.
	Place small parts out of reach of children Place small parts out of reach of children who might accidentally swallow them.

■ Important information about use

Placement

- Do not use this unit near other electrical products such as televisions, radios, stereos, or mobile phones. This unit may cause noise in televisions or radios.
- Do not use this unit in locations where extremely high temperatures might occur, such as in direct sunlight, in a car in sunlight, or near a stove. Doing so may cause the unit to be deformed or discolored, or internal components to malfunction.

Power supply

- A small amount of current flows even when the power is turned off. If you will not be using this unit for an extended period of time, you must unplug the AC adapter from the AC outlet.

Cleaning

- Use a soft dry cloth to clean the unit. Do not use benzene, thinner, detergent, or chemically treated cloth, since these can cause deformation or discoloration.

Data

- Please be aware that the manufacturer bears no responsibility for any consequences that may arise from damage to or loss of data.
- In some cases, equipment malfunction or incorrect operation can cause the contents of the memory to be lost. Please make a backup of any important data that is in the memory.

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