

# aD5

Electronic Drums

■ **Compatible kit configurations** \* For the detail of each pad, see "Compatible pads" table.

**DTX950K**

Trigger	Pad model	Notes
KICK	KP125W	
SNARE	XP120SD	
TOM	XP100T x2 XP120T x2	Connect Tom 4 pad to Aux 2. Change instrument for the Aux 2 pad to tom.
HI-HAT	RHH135	
CRASH	PCY135 x2	Connect Crash 2 pad to Aux 1.
RIDE	PCY155	

**DTX920K, DTX760K**

Trigger	Pad model	Notes
KICK	KP100	
SNARE	XP120SD	
TOM	XP100T x2 XP120T x1	
HI-HAT	RHH135	
CRASH	PCY135 x2	Connect Crash 2 pad to Aux 1.
RIDE	PCY155	

**DTX900K, DTX790K**

Trigger	Pad model	Notes
KICK	KP125W	
SNARE	XP120SD	
TOM	XP100T x3	
HI-HAT	RHH135	
CRASH	PCY135 x2	Connect Crash 2 pad to Aux 1.
RIDE	PCY155	

**DTX750K**

Trigger	Pad model	Notes
KICK	KP65	
SNARE	XP100SD	
TOM	XP80 x3	
HI-HAT	RHH135	
CRASH	PCY135 x2	Connect Crash 2 pad to Aux 1.
RIDE	PCY155	

**DTX720K, DTX582K**

Trigger	Pad model	Notes
KICK	KP100	
SNARE	XP80	
TOM	XP70 x3	
HI-HAT	RHH135	
CRASH	PCY135	
RIDE	PCY135	

**DTX700K, DTX562K**

Trigger	Pad model	Notes
KICK	KP65	
SNARE	XP80	
TOM	XP70 x3	
HI-HAT	RHH135	
CRASH	PCY135	
RIDE	PCY135	

**DTX550K**

Trigger	Pad model	Notes
KICK	KP65	
SNARE	XP100SD	
TOM	TP65 x3	
HI-HAT	RHH135	
CRASH	PCY135	
RIDE	PCY155	

**DTX540K**

Trigger	Pad model	Notes
KICK	KP65	
SNARE	XP80	
TOM	XP70 x3	
HI-HAT	PCY100	
CRASH	PCY100	
RIDE	PCY135	
HH PEDAL	HH65	

**DTX532K**

Trigger	Pad model	Notes
KICK	KP65	
SNARE	XP80	
TOM	TP70 x3	
HI-HAT	RHH135	
CRASH	PCY135	
RIDE	PCY135	

**DTX530K**

Trigger	Pad model	Notes
KICK	KP65	
SNARE	XP80	
TOM	TP65 x3	
HI-HAT	RHH135	
CRASH	PCY135	
RIDE	PCY135	

**DTX522K**

Trigger	Pad model	Notes
KICK	KP65	
SNARE	XP80	
TOM	TP70 x3	
HI-HAT	PCY100	
CRASH	PCY100	
RIDE	PCY135	
HH PEDAL	HH65	

**DTX520K**

Trigger	Pad model	Notes
KICK	KP65	
SNARE	XP80	
TOM	TP65 x3	
HI-HAT	PCY100	
CRASH	PCY100	
RIDE	PCY135	
HH PEDAL	HH65	

**DTX500K**

Trigger	Pad model	Notes
KICK	KP65	
SNARE	TP65	
TOM	TP65 x3	
HI-HAT	TP65	
CRASH	PCY65	
RIDE	PCY65	
HH PEDAL	HH65	

### DTX450K

\* The aD5 can not be mounted on your kit stand. Use microphone stand (sold separately) to mount it.

Trigger	Pad model	Notes
KICK	KP65	
SNARE	TP70S	
TOM	Exclusive pad x3	Select DTX400K PAD
HI-HAT	PCY90	
CRASH	PCY90	Select PCY90AT
RIDE	PCY90	
HH PEDAL	HH65	

### DTX430K

\* The aD5 can not be mounted on your kit stand. Use microphone stand (sold separately) to mount it.

Trigger	Pad model	Notes
KICK	KP65	
SNARE	Exclusive pad	Select DTX400K PAD
TOM	Exclusive pad x3	
HI-HAT	PCY90	
CRASH	PCY90	Select PCY90AT
RIDE	PCY90	
HH PEDAL	HH65	

### DTX400K

\* The aD5 can not be mounted on your kit stand. Use microphone stand (sold separately) to mount it.

Trigger	Pad model	Notes
KICK	KU100	
SNARE	Exclusive pad	Select DTX400K PAD
TOM	Exclusive pad x3	
HI-HAT	PCY90	
CRASH	PCY90	Select PCY90AT
RIDE	PCY90	
HH PEDAL	Exclusive pedal	Select DTX400K CTL

Compatible pads

⊙ :ATV-recommended pads that take advantage of the aD5's capabilities and allow you to perform enjoyably.

△ :Pads that are compatible but have limitations on the zones that can be used, or might not fit with certain playing styles.

○ :Compatible.

× :Cannot be connected.

Pad Model	aD5 Trigger input																					Notes	Hints		
	KICK (K)		SNARE (SN)			TOM 1--3 (T1--T3)		HI-HAT (HH)			CTL		CRASH (CR)			RIDE (RD)			AUX 1--2						
	Compat-ibility	Zone A	Compat-ibility	Zone A	Zone B	Zone C	Compat-ibility	Zone A	Compat-ibility	Zone A	Zone B	Zone C	Compat-ibility	Zone A	Zone B	Zone C	Compat-ibility	Zone A	Zone B	Zone C					
XP120																						<ul style="list-style-type: none"> <li>Operates as a two-zone pad. Only one sound –Zone B– is assigned to the rim.</li> <li>The pad controller is not supported.</li> <li>Operates as a two-zone pad. Only one sound –Zone B– is assigned to the rim.</li> </ul>	<ul style="list-style-type: none"> <li>For Side Stick, we recommend that you use an open stroke to play the closed rim area.</li> </ul>		
XP100			○		Rim	Side Stk	⊙			Rim				Rim				⊙		Rim					
XP80																									
XP70					-	-				-				-						-					
TP70S	△	Head		Head	Rim	Side Stk		Head	△	Head	Rim	×	-	△	Head	Rim	△	Head	-	Head	Rim			<ul style="list-style-type: none"> <li>Operates as a two-zone pad. Only one sound –Zone B– is assigned to the rim.</li> </ul>	<ul style="list-style-type: none"> <li>For Side Stick, we recommend that you use an open stroke to play the closed rim area.</li> </ul>
TP70			△		-	-				-				-					○	-					
TP65S					Rim	Side Stk				Rim				Rim						Rim					
TP65					-	-				-				-						-					
DTX400K PAD					-	-				-				-						-					
KP125/W	○	Head	△	Head	-	-	△	Head	△	Head	-	×	-	△	Head	-	△	Head	-	○	Head			-	<ul style="list-style-type: none"> <li>The PAD INPUT jack cannot be used.</li> </ul>
KP100																									
KP65																									
KU100																									
PCY155																						<ul style="list-style-type: none"> <li>If connected to RD (RIDE), operates as a 3-zone pad.</li> <li>If connected to other input than RD, operates as a two-zone pad. The same sound of Zone B is assigned to Edge and Cup.</li> </ul>			
PCY135					Edge				○	Edge				Edge	⊙	Edge	Cup	⊙	Edge						
PCY100	△	Bow	△	Bow		-	△	Bow		Bow		×	-	○	Bow		Bow		○	Bow	-				
PCY90AT					-				△					-						-					
PCY65S					Edge				○	Edge				Edge	△	Edge	-	○	Edge						
PCY65					-				△					-						-					
RHH135		Bow		Bow	Edge			Bow	○	Bow	Edge	○	Pedal	×	Bow	Edge		×	Bow	Edge	-				
HH65	×	-	×	-	-	-	×	-	×	-	-				×	-	-		×	-	-				
DTX400K CTL												△										<ul style="list-style-type: none"> <li>Half-open is not supported.</li> </ul>			

■ **Compatible kit configurations** \* For the detail of each pad, see "Compatible pads" table.

**TD-30KV**

Trigger	Pad model	Notes
KICK	KD-140	
SNARE	PD-128S	
TOM	PD-108 x2 PD-128 x2	Connect Tom 4 pad to Aux 2. Change instrument for the Aux 2 pad to tom.
HI-HAT	VH-13	
CRASH	CY-14C x2	Connect Crash 2 pad to Aux 1.
RIDE	CY-15R	

**TD-30K**

Trigger	Pad model	Notes
KICK	KD-120	
SNARE	PD-125	
TOM	PDX-100 x3	
HI-HAT	VH-11	
CRASH	CY-12C CY-13R	Connect Crash 2 pad to Aux 1.
RIDE	CY-15R	

**TD-20KX**

Trigger	Pad model	Notes
KICK	KD-140	
SNARE	PD-125XS	
TOM	PD-105X x2 PD-125X x2	Connect Tom 4 pad to Aux 2. Change instrument for the Aux 2 pad to tom.
HI-HAT	VH-12	
CRASH	CY-14C x2	Connect Crash 2 pad to Aux 1.
RIDE	CY-15R	

**TD-20K**

Trigger	Pad model	Notes
KICK	KD-120	
SNARE	PD-125	
TOM	PD-105 x2 PD-125 x2	Connect Tom 4 pad to Aux 2. Change instrument for the Aux 2 pad to tom.
HI-HAT	VH-12	
CRASH	CY-14C x2	Connect Crash 2 pad to Aux 1.
RIDE	CY-15R	

**TD-12KX**

Trigger	Pad model	Notes
KICK	KD-120	
SNARE	PD-105	
TOM	PD-85 x2 PD-105 x1	
HI-HAT	VH-11	
CRASH	CY-12R/C x2	Connect Crash 2 pad to Aux 1.
RIDE	CY-12R/C	

**TD-12KV**

Trigger	Pad model	Notes
KICK	KD-85	Compatible. Choose KD-120 as model name.
SNARE	PD-105	
TOM	PD-85 x3	
HI-HAT	VH-11	
CRASH	CY-12R/C x2	Connect Crash 2 pad to Aux 1.
RIDE	CY-12R/C	

**TD-12K**

Trigger	Pad model	Notes
KICK	KD-85	Compatible. Choose KD-120 as model name.
SNARE	PD-105	
TOM	PD-85 x3	
HI-HAT	VH-11	
CRASH	CY-12R/C	
RIDE	CY-12R/C	

**TD-25KV**

Trigger	Pad model	Notes
KICK	KD-9	
SNARE	PDX-100	
TOM	PD-85 x2 PDX-100 x1	
HI-HAT	VH-11	
CRASH	CY-12C x2	Connect Crash 2 pad to Aux 1.
RIDE	CY-13R	

**TD-25K**

Trigger	Pad model	Notes
KICK	KD-9	
SNARE	PDX-100	
TOM	PDX-6 x2 PDX-8 x1	
HI-HAT	VH-11	
CRASH	CY-12C	
RIDE	CY-13R	

**TD-15KV**

Trigger	Pad model	Notes
KICK	KD-9	
SNARE	PDX-100	
TOM	PD-85 x2 PDX-100 x1	
HI-HAT	VH-11	
CRASH	CY-12C	
RIDE	CY-13R	

**TD-15K, TD-11KV, TD-9K2, TD-4KX2**

Trigger	Pad model	Notes
KICK	KD-9	
SNARE	PDX-8	
TOM	PDX-6 x2 PDX-8 x1	
HI-HAT	CY-5	
CRASH	CY-12C	
RIDE	CY-13R	
HH PEDAL	FD-8	

**TD-11K**

Trigger	Pad model	Notes
KICK	KD-9	
SNARE	PDX-8	
TOM	PD-8A x3	
HI-HAT	CY-5	
CRASH	CY-8	
RIDE	CY-8	
HH PEDAL	FD-8	

### TD-9KX2

Trigger	Pad model	Notes
KICK	KD-9	
SNARE	PD-105	
TOM	PD-85 x3	
HI-HAT	VH-11	
CRASH	CY-12C	
RIDE	CY-13R	

### TD-9KX, TD-6KX, TD-6SXT

Trigger	Pad model	Notes
KICK	KD-8	
SNARE	PD-105	
TOM	PD-85 x3	
HI-HAT	CY-5	
CRASH	CY-8	
RIDE	CY-12R/C	
HH PEDAL	FD-8	

### TD-9K, TD-6KW, TD-6SW, TD-4K, TD-3KW

Trigger	Pad model	Notes
KICK	KD-8	
SNARE	PDX-8	
TOM	PD-8 x3	
HI-HAT	CY-5	
CRASH	CY-8	
RIDE	CY-8	
HH PEDAL	FD-8	

### TD-6KV, TD-3KV

Trigger	Pad model	Notes
KICK	KD-8	
SNARE	PD-85	
TOM	PD-8 x3	
HI-HAT	PD-8	
CRASH	CY-8	
RIDE	CY-8	
HH PEDAL	FD-8	

### TD-4KP

\* The aD5 can not be mounted on your kit stand. Use microphone stand (sold separately) to mount it.

Trigger	Pad model	Notes
KICK	Exclusive pad	Select TD-4KP KICK.
SNARE	Exclusive pad	
TOM	Exclusive pad x3	Select TD-4KP PAD.
HI-HAT	CY-5	
CRASH	CY-5	
RIDE	CY-5	
HH PEDAL	FD-8	

### TD-4KX

Trigger	Pad model	Notes
KICK	KD-8	
SNARE	PDX-8	
TOM	PDX-6 x2 PDX-8 x1	
HI-HAT	CY-5	
CRASH	CY-8	
RIDE	CY-8	
HH PEDAL	FD-8	

### TD-3S, TD-3Kit-S

Trigger	Pad model	Notes
KICK	KD-8	
SNARE	PD-8	
TOM	PD-8 x2	
HI-HAT	PD-8	
CRASH	CY-8	
RIDE	CY-8	
HH PEDAL	FD-8	

### TD-1KV

\* The aD5 can not be mounted on your kit stand. Use microphone stand (sold separately) to mount it.

Trigger	Pad model	Notes
KICK	Exclusive pedal	Select TD-1K KICK.
SNARE	PDX-8	
TOM	Exclusive pad x3	Select TD-1K PAD.
HI-HAT	CY-5	
CRASH	CY-5	
RIDE	CY-5	
HH PEDAL	Exclusive pedal	Select TD-1K CTL.

### TD-1K

\* The aD5 can not be mounted on your kit stand. Use microphone stand (sold separately) to mount it.

Trigger	Pad model	Notes
KICK	Exclusive pedal	Select TD-1K KICK.
SNARE	Exclusive pad	
TOM	Exclusive pad x3	Select TD-1K PAD.
HI-HAT	CY-5	
CRASH	CY-5	
RIDE	CY-5	
HH PEDAL	Exclusive pedal	Select TD-1K CTL.



■ **Compatible drum triggers**

⊙ :ATV-recommended pads that take advantage of the aD5's capabilities and allow you to perform enjoyably.

△ :Pads that are compatible but have limitations on the zones that can be used, or might not fit with certain playing styles.

○ :Compatible.

× :Cannot be connected.

Pad		aD5 Trigger input																		Notes	Hints				
Model	KICK (K)	SNARE (SN)			TOM 1--3 (T1--T3)		HI-HAT (HH)			CTL		CRASH (CR)		RIDE (RD)			AUX 1--2								
	Compat-ibility	Zone A	Compat-ibility	Zone A	Zone B	Zone C	Compat-ibility	Zone A	Compat-ibility	Zone A	Zone B	Compat-ibility	Zone A	Zone B	Zone C	Compat-ibility	Zone A	Zone B	Zone C						
RT-30HR			○		Rim	Side Stk																	<ul style="list-style-type: none"> <li>Attach the trigger so that the tip of the sensor is in firm contact with the head. If the pressure is insufficient, the sensitivity might be lowered, or triggering might not occur for a strong strike.</li> <li>To prevent unwanted triggering due to the sound pressure level of a snare drum, connect the RT-30K to SN or AUX 1/2, and set the Zone B tone to No Sound.</li> <li>Adjust so that 2-3 mm (0.1 inch) of the sensor's tip is in firm contact.</li> </ul>	<ul style="list-style-type: none"> <li>Set Pad Model to RT. Choose Snare/Tom/Kick as appropriate for the instrument to which the drum trigger is attached. If you're using a mesh head, choose Mesh Pad or Mesh Kick.</li> <li>If you're using an acoustic drum head, we recommend that you also use a mute.</li> <li>If double triggering occurs frequently, increase the Retrigger Cancel value; if the second note of a flam does not sound, decrease the value.</li> <li>If double triggering or missed notes occur, increasing the head tension might solve the problem.</li> </ul>	
RT-30H	△						○																		
RT-30K	○	Head	△	Head	-	-	△	Head	△	Head	-	×	-	△	Head	-	△	Head	-	-	○	Head			-
RT-10S			○		Rim	Side Stk	○															Rim			
RT-10T	△						○																		
RT-10K	○		△		-	-	△																		



Compatible pads

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○ :Compatible.  
 × :Cannot be connected.

Pad		aD5 Trigger input																					Notes	Hints	
Model	KICK (K)		SNARE (SN)			TOM 1--3 (T1--T3)		HI-HAT (HH)			CTL		CRASH (CR)			RIDE (RD)			AUX 1--2						
	Compat-ibility	Zone A	Compat-ibility	Zone A	Zone B	Zone C	Compat-ibility	Zone A	Compat-ibility	Zone A	Zone B	Compat-ibility	Zone C	Compat-ibility	Zone A	Zone B	Compat-ibility	Zone A	Zone B	Zone C	Compat-ibility	Zone A			Zone B
pro S14"			⊙				○																		
pro T14"			○				⊙																		
pro T12"			○				⊙																		
pro T10"	△	Head	○	Head	Rim	Side Stk	⊙	Head	△	Head	-	×	-	△	Head	-	△	Head	-	-	⊙	Head	Rim	-	
diabolo S13"			⊙				○																		
diabolo T12"			○				⊙																		
diabolo T10"			○				⊙																		
pro K20"	⊙	Head	△	Head	-	-	△	Head	△	Head	-	×	-	△	Head	-	△	Head	-	-	○	Head	-	-	
diabolo K18"	⊙	Head	△	Head	-	-	△	Head	△	Head	-	×	-	△	Head	-	△	Head	-	-	○	Head	-	-	
trigger tube	△	Head	△	Head	-	-	△	Head	△	Head	-	×	-	△	Head	-	△	Head	-	-	○	Head	-	-	

- Avoid the center of the head when you play.

Compatible drum triggers

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○ :Compatible.  
 × :Cannot be connected.

Pad		aD5 Trigger input																					Notes	Hints	
Model	KICK (K)		SNARE (SN)			TOM 1--3 (T1--T3)		HI-HAT (HH)			CTL		CRASH (CR)			RIDE (RD)			AUX 1--2						
	Compat-ibility	Zone A	Compat-ibility	Zone A	Zone B	Zone C	Compat-ibility	Zone A	Compat-ibility	Zone A	Zone B	Compat-ibility	Zone C	Compat-ibility	Zone A	Zone B	Compat-ibility	Zone A	Zone B	Zone C	Compat-ibility	Zone A			Zone B
CHROME ELITE	DUAL SNARE TOM	△	○		Rim	Side Stk	○																Rim		
	BASS DRUM	○	△		-	-	△																-		
ACOUSTIC PRO	SNARE DUAL ZONE	△	○	Head	Head	Rim	Side Stk	○	Head	△	Head	-	×	-	△	Head	-	△	Head	-	-	○	Head	Rim	-
	TOM							△																	
RED SHOT	KICK	○					△																		
	SNARE/TOM	△	△		-	-	○																-		
	KICK DRUM	○					△																		

- Only mesh heads are supported.
- Since the output jack is an XLR connector, a separate cable or adaptor is required.
- Only mesh heads are supported.
- Choose Mesh Pad or Mesh Kick.
- If double triggering occurs frequently, increase the Retrigger Cancel value; if the second note of a flam does not sound, decrease the value.
- If double triggering or missed notes occur, increasing the head tension might solve the problem.

■ **Compatible drum triggers**

⊙ :ATV-recommended pads that take advantage of the aD5's capabilities and allow you to perform enjoyably.

○ :Compatible.

△ :Pads that are compatible but have limitations on the zones that can be used, or might not fit with certain playing styles.

× :Cannot be connected.

Pad		aD5 Trigger input																				Notes	Hints			
Model	KICK (K)	SNARE (SN)			TOM 1--3 (T1--T3)		HI-HAT (HH)			CTL		CRASH (CR)			RIDE (RD)			AUX 1--2								
		Compat-ibility	Zone A	Compat-ibility	Zone A	Zone B	Zone C	Compat-ibility	Zone A	Compat-ibility	Zone A	Zone B	Zone C	Compat-ibility	Zone A	Zone B	Zone C	Compat-ibility	Zone A	Zone B	Zone C					
Trigt Drum Trigger	Snare/Tom	△		○		Rim	Side Stk	○																	<ul style="list-style-type: none"> <li>Only mesh heads are supported.</li> <li>Choose Mesh Pad or Mesh Kick.</li> <li>If double triggering occurs frequently, increase the Retrigger Cancel value; if the second note of a flam does not sound, decrease the value.</li> <li>If double triggering or missed notes occur, increasing the head tension might solve the problem.</li> </ul>	<ul style="list-style-type: none"> <li>Choose Mesh Pad or Mesh Kick.</li> <li>If double triggering occurs frequently, increase the Retrigger Cancel value; if the second note of a flam does not sound, decrease the value.</li> <li>If double triggering or missed notes occur, increasing the head tension might solve the problem.</li> </ul>
	Kick	○		△		-	-	△																		

The "trigger setup file" for each drum kit is available on the ATV website. To set up trigger configuration for your kit, all you have to do is loading the file to your aD5. For details, refer to the ATV website.



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

- With the firmware v1.10 or newer, all you have to do is select the pad model, and the trigger setup is configured.
- For details on settings after you've connected the pads, refer to "Quick Start Guide" and "Reference Guide."
- 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.
- For details on connecting and playing pads made by the respective manufacturers, refer to the owner's manual of each pad.
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