

# PD705 Update V2.10

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**we strive to innovate and improve our products. This version of the PD705 includes some new firmware improvements, to further enhance your performance experience. The features and specifications are outlined in the document below.**

Firstly, it's always good to check you're running on the most up to date firmware. You can check this by pressing SETUP > VER and checking the details on screen match below:

FIRMWARE: 2.10  
EDITION: 0.12

## WAVE MANAGER PACK FILES

We don't want you to lose your best user kits, and it's possible that you might archive your software editor data. So for peace of mind, the PD705 wave manager now supports importing drum kit files back from your PD705 into the wave manager software. This is really helpful on two levels: when you want to add new kits on, you don't run the risk of overwriting your favourite custom kits, and you can upload, edit and amend, and then reinstall back on to your PD705 with very little effort.

### NOTE:

You will need to ensure that you have downloaded the most up to date software from the avatar website. To access this, simply go to <https://www.hwx-music.com/>

## PRESET EXPANSION TRIGGER PARAMETERS

We know that all expansion pads are slightly different - mesh and rubber pads have different sensitivities and you will play a tom pad with a different style than a kick pad. So rather than spend hours configuring the settings for the expansion pad inputs, we have included six different preset trigger types that you can instantly select. Simply scroll through the six options to pick the type that closest matches your trigger pad.

NAME	DESCRIPTION
DRM16208	8" rubber drum pad
DRM18107	7.5" rubber drum pad
DRM19106	7.5" single trigger Mesh drum
BAS18103	8" kick drum
BAS19107	7.5" rubber kick drum
CBL17110ST	single trigger cymbal

To access this function, press SETUP > Ext. If you have extension pads connected, strike your pad and then you can scroll through the existing and new options.

### Pad Functions

There two new functions that can be assigned to any pad or footswitch connected or inbuilt in to the PD705 to make stage performances even more agile.

**KIT DEC** - when this function is selected and the pad is triggered, it will jump to the previous drum kit on the PD705. This is a helpful feature if you have a number of built kits as part of a performance set, and you wish to toggle through them with a single pad strike.

**KIT INC** - when this function is selected and the pad is triggered, it will jump to the next drum kit on the PD705. This is a helpful feature if you have a number of built kits as part of a performance set, and you wish to toggle through them with a single pad strike.

To access this function, press SETUP > ExtPAD > MODE. Once on this setting you can scroll through the existing and new options.

## MAX VELOCITY SETTING

A new velocity curve has been added, which can be assigned to any pad on the PD705. The MAX function will do as you might guess - play at MAX velocity, regardless of how hard or soft you strike the trigger. This is especially useful if you are using the pad to trigger longer samples or backing tracks, which need to be at a determined volume, independent of how you trigger the loop.

To access this function, SETUP > PAD > VelCurve. Once on this setting you can scroll through the existing and new MAX option.

## MIDI VELOCITY OUTPUT

The PD705 now features MIDI velocity to enable you to record much more authentic triggering styles to a sound engine or DAW. There is nothing that you need to program in order to access this feature; it will do it automatically.

## QUANTIZATION

As part of the recording feature on the PD705, you can now quantize your performance. This allows you to get cleaner performances without the tiny time discrepancies felt in natural performances. There are various settings to choose from, depending on how intricate your performance needs to be.

The feature includes 1/4 (crotchet beat), 1/8 (quaver beat), 3/8 (triplet quaver beat), 1/16 (semiquaver beat), 3/16 (triplet semiquaver beat), 1/32 (demisemiquaver beat) and 1/64 (hemidemisemiquaver beat). Depending on the quantize selection you make, the triggers will snap to the closest beat.

To access this feature, go to REC, press SELECT button once, and scroll through the various options.