Deebach information

BlackBox-Y, YEM (Yamaha Expansion Manager) software and VCE files.

There are two cables you need to connect the BlackBox correctly to a Yamaha instrument.
1. An audio cable, a so-called audio insert cable.
An insert cable is an audio cable that has a stereo jack plug on one side and two mono jack plugs on the other side
(Left-right, mostly white-red).

The stereo jack plug is plugged into the AUX out of the black box, the two mono jacks into the line-in of the Yamaha keyboard.
Depending on the Yamaha instrument, you have to set a gain control or other volume control according to the Yamaha operating instructions, this is instrument-specific.
With some Yamaha models, you can also set and use the internal effects of the vocal input on the line-in, i.e. also on the black box. (See Yamaha manual, tested with Tyros2, from Tyros5, Genos etc. this is no longer possible)

2. A midi cable.

The midi cable is plugged into the midi in of the black box.
There are two versions of the Yamaha instruments.
If you have an instrument with a midi-out, the midi cable is connected there. Then select the individual parts to be controlled by the BlackBox in the Midi Setting Menu and save your settings. (See also the instruction manual of your Yamaha instrument)

If you have a Yamaha instrument with two midi outs, the midi cable of the black box is connected where you will later assign the parts in your midi setting. (As an example, if you select port A as a midi output for the black box, the black box must also be connected to midi out A.)
You decide which parts the BlackBox should play. You save the corresponding settings in the Midi Settings.
The midi settings can usually be found in the Function Menu at Yamaha.

Now the BlackBox should be connected correctly. There are two ways to control the BlackBox from a Yamaha instrument, this also depends on the model.

1. the VCE data

You can download the current VCE data from our website www.deebach.eu. It is a ZIP file, you can unzip it to a USB stick, you will then get the "BlackBox-Y" folder, which contains all sound groups with their individual sounds and, depending on the Yamaha model, you can also transfer them from the USB stick to the Load the user memory of the instrument.

If you now select a sound from these folders in a part, for example Upper Part1, the BlackBox plays this sound. If you have found a sound combination that you like, you can save it in your Registration Memory Bank. Internal, software expansion and black box sounds can be freely mixed.

2. the PPF files

Current models supported by the YEM are:
PSR-670, PSR-770, PSR-775, PSR-A 3000, PSR-970, PSR-975, PSR-SX-700, PSR-SX-900, Tyros 5, Genos.

You can download the current PPF data from our website www.deebach.eu. It is a ZIP file that contains the PPF files for the YEM-Yamaha Expansion Manager.
Unzip these files and then import them into the YEM under
"My packs" - "import pack".

After the YEM has imported the data, you have to put the individual packs on the right banks. Unfortunately, the YEM does not keep the settings we made and always creates new banks.

To do this, go to the arrow at "MY Packs" and select "Change Bank Select LSB". Now you can see all sound banks, the sound bank not shown in gray is the selected sound bank. You can now move this

sound bank with the mouse. Once you have moved the sound bank to the right place, press the X at the top right. The question then arises whether the bank should be modified and saved again. You answer that with "SAVE".
Repeat this process until all the sound banks of the BlackBox are in the right place. The order must be followed exactly.

The order is:

MSB 63 - Yamaha specification for sound

LSB
31 - Ac.Pianos
32 - Electro Pianos
33 - Organ HA
34 - Organ WE
35 - Organ Theater
36 - Accordion
37 - strings
38 - Brass
39 - Woodwinds
40 - Bells Mallet
41 - Guitars
42 - pads
43 - Lead Synth
44 - Organ Various

49 - bass

51 - Drums FX

MSB 62 - Yamaha specification for drum kits
LSB
000 - DrumKits

Change Bank Select LSB

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Bank Select LSB

000 Drum Kits	026	052	078
001	027	053	079
002	028	054	080
003	029	055	081
004	030	056	082
005	031 Ac.Piano	057	083
006	032 Elec.Piano	058	084
007	033 Organ HA	059	085
008	034 Organ WE	060	086
009	035 Organ Theatre	061	087
010	036 Accordion	062	088
011	037 Strings	063	089
012	038 Brass	064	090
013	039 Woodwinds	065	091
014	040 Bells-Mallet	066	092
015	041 Guitars	067	093
016	042 Pads	068	094
017	043 Lead Synth	069	095
018	044 Organ various	070	096
019	045 Choir	071	097
020	046	072	098
021	047	073	099
022	048	074	100
023	049 Bass	075	101
024	050	076	102
025	051 Drums-FX	077	103

Jazz Flute   Soprano Sax

Piccolo   Jazzy Sax   SaxBand6

If you have created all the sound banks correctly, you can of course add more sound banks from other manufacturers.

When you have finished your settings, transfer the data from the YEM to your instrument.

Under Expansions in your instrument you can now find the sounds of the BlackBox.

If you now select a sound from these folders in a part, for example Upper Part1, the BlackBox plays this sound. If you have found a sound combination that you like, you can save it in your Registration Memory Bank. Internal, software expansion and black box sounds can be freely mixed.

Here is the link to the Yamaha YEM manual.

https://de.yamaha.com/files/download/other_assets/5/1136735/yamaha_expansion_manager_de_om_v250_h0.pdf

Our channels with further support and examples

https://www.youtube.com/user/DeebachInstruments

https://www.facebook.com/Deebach.instruments/

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