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DP-201 MKII
digital piano



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1 General information

This manual contains important instructions for the safe operation of the unit. Read and follow the safety instructions and all other instructions. Keep the manual for future reference. Make sure that it is available to all those using the device. If you sell the unit please make sure that the buyer also receives this manual.

Our products are subject to a process of continuous development. Thus, they are subject to change.

1.1 Further information

On our website (www.thomann.de) you will find lots of further information and details on the following points:

Download	This manual is also available as PDF file for you to download.
Keyword search	Use the search function in the electronic version to find the topics of interest for you quickly.
Online guides	Our online guides provide detailed information on technical basics and terms.
Personal consultation	For personal consultation please contact our technical hotline.
Service	If you have any problems with the device the customer service will gladly assist you.

1.2 Notational conventions

This manual uses the following notational conventions:

Letterings

The letterings for connectors and controls are marked by square brackets and italics.

Examples: *[VOLUME]* control, *[Mono]* button.

Displays

Texts and values displayed on the device are marked by quotation marks and italics.

Examples: '24ch', 'OFF'.

Instructions

The individual steps of an instruction are numbered consecutively. The result of a step is indented and highlighted by an arrow.

Example:

1. ➤ Switch on the device.
2. ➤ Press [Auto].
⇒ Automatic operation is started.
3. ➤ Switch off the device.

Cross-references

References to other locations in this manual are identified by an arrow and the specified page number. In the electronic version of the manual, you can click the cross-reference to jump to the specified location.

Example: See ➤ 'Cross-references' on page 6.

1.3 Symbols and signal words

In this section you will find an overview of the meaning of symbols and signal words that are used in this manual.

Signal word	Meaning
DANGER!	This combination of symbol and signal word indicates an immediate dangerous situation that will result in death or serious injury if it is not avoided.
CAUTION!	This combination of symbol and signal word indicates a possible dangerous situation that can result in minor injury if it is not avoided.
NOTICE!	This combination of symbol and signal word indicates a possible dangerous situation that can result in material and environmental damage if it is not avoided.
Warning signs	Type of danger
	Warning – high-voltage.
	Warning – danger zone.

2 Safety instructions

Intended use

This device is intended to be used for electronic sound generation using a piano keyboard. Use the device only as described in this user manual. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

This device may be used only by persons with sufficient physical, sensorial, and intellectual abilities and having corresponding knowledge and experience. Other persons may use this device only if they are supervised or instructed by a person who is responsible for their safety.

Safety

**DANGER!****Danger for children**

Ensure that plastic bags, packaging, etc. are disposed of properly and are not within reach of babies and young children. Choking hazard!

Ensure that children do not detach any small parts (e.g. knobs or the like) from the unit. They could swallow the pieces and choke!

Never let children unattended use electrical devices.

**DANGER!****Electric shock caused by short-circuit**

Do not modify the mains cable or the plug. Failure to do so could result in electric shock/death or fire. If in doubt, seek advice from a registered electrician.

**DANGER!****Electric shock caused by high voltages inside**

Within the device there are areas where high voltages may be present. Never remove any covers.

There are no user-serviceable parts inside.

**CAUTION!****Possible hearing damage**

With loudspeakers or headphones connected, the device can produce volume levels that may cause temporary or permanent hearing impairment.

Do not operate the device permanently at a high volume level. Decrease the volume level immediately if you experience ringing in your ears or hearing impairment.

**CAUTION!****Risk of injury due to heavy weight**

Due to the heavy weight of the device, at least two persons are required for transport and installation.

**NOTICE!****Operating conditions**

This device has been designed for indoor use only. To prevent damage, never expose the device to any liquid or moisture. Avoid direct sunlight, heavy dirt, and strong vibrations.

**NOTICE!****External power supply**

The device is powered by an external power supply. Before connecting the external power supply, ensure that the input voltage (AC outlet) matches the voltage rating of the device and that the AC outlet is protected by a residual current circuit breaker. Failure to do so could result in damage to the device and possibly the user.

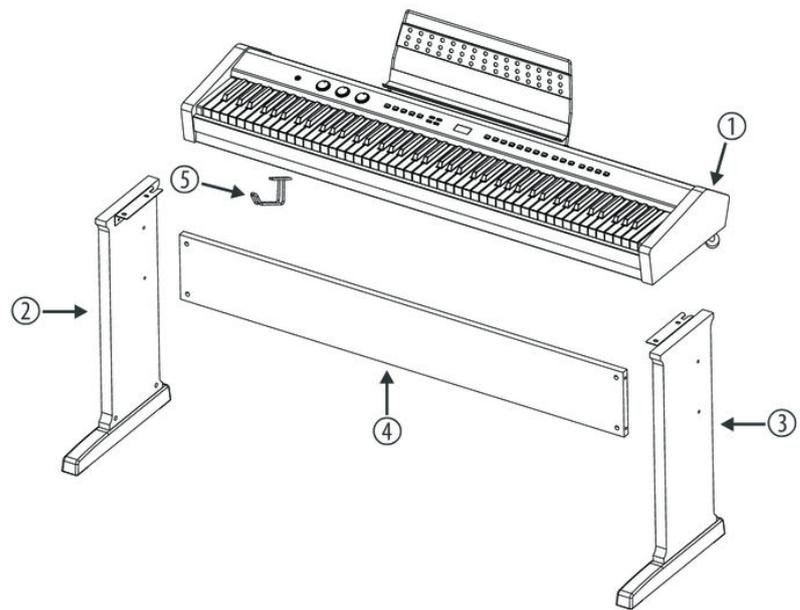
Unplug the external power supply before electrical storms occur and when the device is unused for long periods of time to reduce the risk of electric shock or fire.

3 Features

The digital piano is characterized by the following features:

- 88 weighted keys with hammer action and adjustable touch response
- Blue backlit LCD
- Built-in recorder (MIDI format)
- Integrated speaker system
- User-friendly controls and indicators
- 16 selectable timbres
- Polyphony: 64-voice
- Recording capacity: 50.000 notes
- Reverb and Chorus effects
- Integrated metronome
- Dual and Split mode
- Connections: Sustain pedal, headphones, line OUT, line IN, USB to Host
- Music stand, Sustain pedal and 12 V power adapter included
- Automatic shutoff

4 Assembly instructions



You need a Phillips screwdriver (not supplied) for the assembly of the digital piano. Open the package and please make sure before assembling that the entire scope of delivery is present, as posted here.

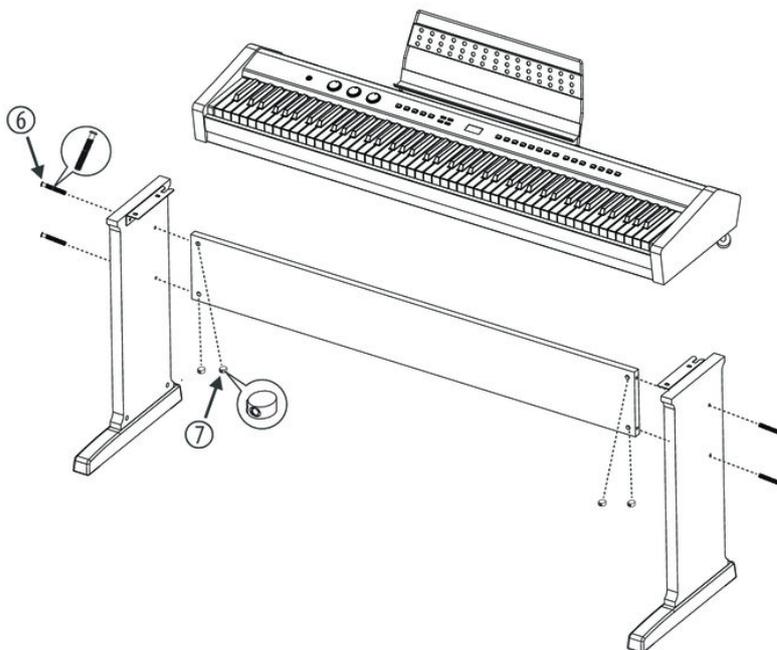
1	Digital piano housing with music stand
2	Left side panel
3	Right side panel
4	Back panel
5	Headphone holder
6	4 × Phillips screws M6 × 55
7	4 × barrel nut
8	4 × Phillips screws M6 × 16
9	4 × Phillips screws M4 × 12
Not illustrated: Sustain pedal, pedal connection cable 12 V mains power adapter	

Mechanical assembly

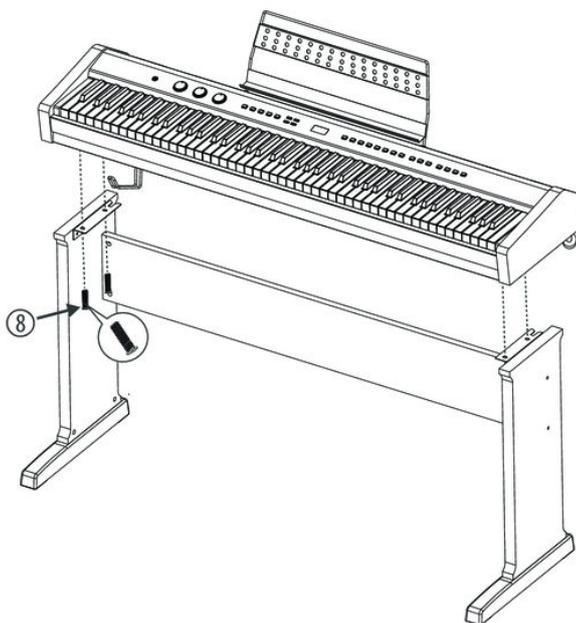
Assemble the piano near a wall power outlet.

Proceed according to the illustrations and exclusively use the supplied screws. Using other screws could damage the piano housing or result in a reduced stability of the piano.

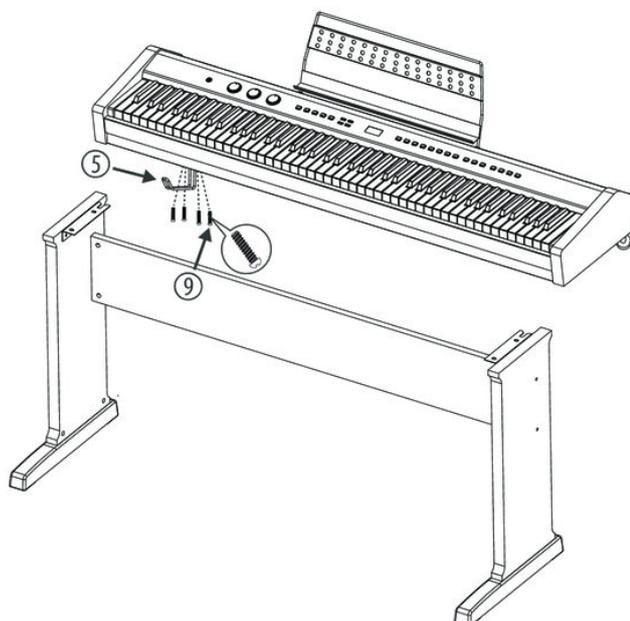
Screw the rear cover to both side panels as shown using the four barrel nuts and the four Phillips screws M6 × 55.



Place the digital piano case on the frame and secure it with the four Phillips screws M6 × 16.



Attach the headphones holder using the four Phillips screws M4 × 12 on the bottom side of the digital piano housing. Move the digital piano to its designated location.



Mains connection

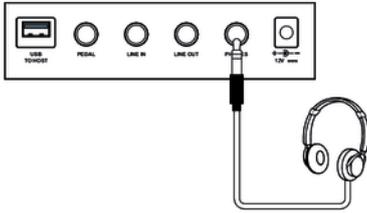
1. ➤ Make sure that the device is turned off before you connect it to the power supply or disconnect it.
2. ➤ Turn the volume control to minimum.
3. ➤ Connect the included power adapter to the 12V connector of the unit and then plug the power adapter into a wall outlet.
4. ➤ Now you can turn on the device.



If the piano is not in use or when a thunderstorm with danger of lightning threatens, disconnect the device from its mains power for safety.

5 Connectivity options

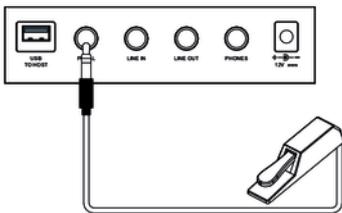
Headphones



The headphones output is located on the rear side of the housing.

Connecting headphones (not supplied) to this output socket mutes the internal sound system.

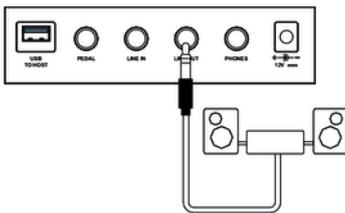
Pedal



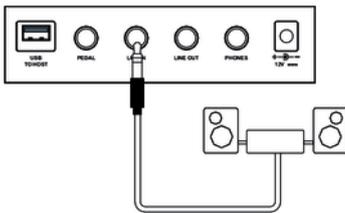
Connect the supplied Sustain pedal to the provided connector on the bottom side of the housing.

Pedal function: With the sustain pedal all played notes sound longer. This effect simulates the lifting of the damper in an analogue keyboard instrument.

External audio devices



Use the *[LINE OUT]* socket to connect the digital piano to an amplifier, stereo device, mixing console or recording device. Connect the output socket via a suitable audio cable to the input of your audio device.



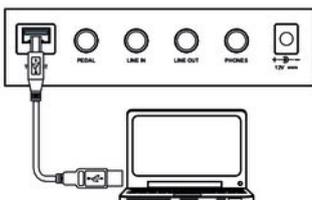
Use the *[LINE IN]* socket to connect, for example, a hi-fi device or a CD / MP3 player to the digital piano. So you can playback music through the internal sound system of the digital piano and simultaneously play along to it. Connect the input socket via a suitable audio cable to the output of your audio device.



NOTICE!

To prevent damage to the speakers, turn the volume down to 'Minimum' before you connect other devices to the digital piano.

USB to host

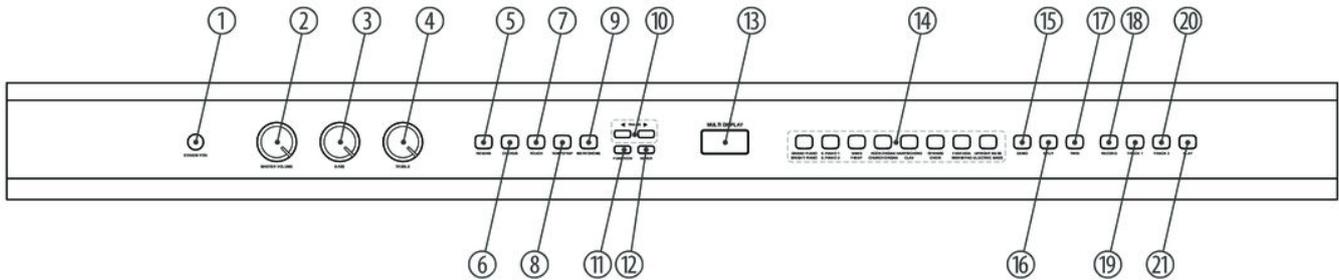


This output sends the MIDI data generated by the digital piano to a PC (MIDI stands for 'Musical Instrument Digital Interface' and represents a global standard for the communication of numerous electronic instruments and sound modules).

At the same time, it can be used for transmitting the audio signal generated by the digital piano to a PC for recording and play back purposes (requires suitable software).

6 Control panel and connections

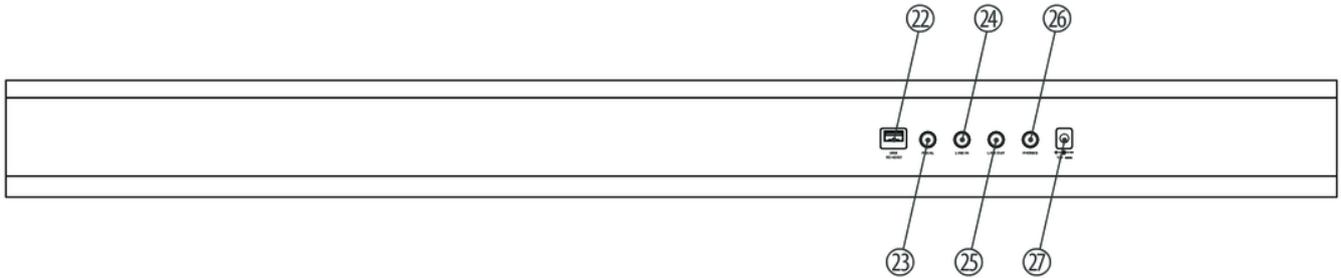
Operating panel



1	<i>[STANDBY / ON]</i> Main switch. Turns the device on and off.
2	<i>[MASTER VOLUME]</i> Volume control for the built-in speakers and the headphone output.
3	<i>[BASS]</i> Control to adjust the low frequencies.
4	<i>[TREBLE]</i> Control to adjust the high frequencies.
5	<i>[REVERB]</i> Button to engage the Reverb effect.
6	<i>[CHORUS]</i> Button to engage the Chorus effect.
7	<i>[TOUCH]</i> Key to adjust the touch sensitivity.
8	<i>[TEMPO / TAP]</i> Button to set the playback speed (along with the arrow buttons <i>[TRANS]</i>).
9	<i>[METRONOME]</i> Button to turn the metronome on and off.

10	<i>[TRANS]</i> Keys to increase or decrease the currently displayed value.
11	<i>[FUNCTION]</i> Button to call the function menu.
12	<i>[ENTER]</i> Button to confirm changes and input values as well as to open the various submenus.
13	Display.
14	Buttons to select a timbre: <ul style="list-style-type: none">■ <i>[GRAND PIANO] [BRIGHT PIANO]</i>■ <i>[E. PIANO 1] [E. PIANO 2]</i>■ <i>[VIBES] [FM EP]</i>■ <i>[ROCK ORGAN] [CHURCH ORGAN]</i>■ <i>[HARPSICHORD] [CLAV]</i>■ <i>[STRINGS] [CHOIR]</i>■ <i>[FANTASIA] [WARM PAD]</i>■ <i>[UPRIGHT BASS] [ELECTRIC BASS]</i> Push the one-touch button once to select the first (upper) voice. Push the one-touch button twice to select the second (lower) voice.
15	<i>[DEMO]</i> Button to activate the Demo mode.
16	<i>[SPLIT]</i> Button to activate the Split mode.
17	<i>[TWIN]</i> Button to activate the Twin mode.
18	<i>[RECORD]</i> Button to activate the Recording mode.
19	<i>[TRACK 1]</i> Button to select the record track 1.
20	<i>[TRACK 2]</i> Button to select the record track 2.
21	<i>[PLAY]</i> Playback button.

Rear panel



22	<i>[USB TO HOST]</i> USB interface to connect a computer.
23	<i>[PEDAL]</i> Sustain pedal connection.
24	<i>[LINE IN]</i> Input socket for connecting an external audio device.
25	<i>[LINE OUT]</i> Output socket for connecting the digital piano to an amplifier, stereo system, mixer or recording device.
26	<i>[PHONES]</i> Headphones jack (1/4" phone socket).
27	12 V connector for voltage supply.

7 Operating

7.1 Turning on / off

Press the [STANDBY/ON] main switch to the left on the operating panel to turn the device on and off.



If the display does not light up after switching on the digital piano, check the power supply.

If you hear nothing coming from the speakers, the volume may be set to 'minimum'.

7.2 Automatic shutoff

When the digital piano is not being used for 30 minutes, it switches off automatically. To turn it on again, press [STANDBY/ON].

Deactivate the automatic shutoff function

To deactivate the automatic shutoff function, keep pressed the first white key at the left side of the keyboard while turning the device on. As soon as the display shows 'Sleep Mode OFF', the function is disabled.

By default, the automatic shutoff function is activated when turning the device on.

7.3 Adjusting the volume

Adjust the volume control [MASTER VOLUME] for a pleasant volume for playback and practising. Turn the control to the right to increase the volume. Turn it counter-clockwise to reduce the volume.

7.4 Setting the tone

Use the tone controls [TREBLE] and [BASS] to set the overall sound of the digital piano to your liking.

7.5 Setting the touch sensitivity

With this function you can adjust the touch response of the keyboard at three levels.

1. ▶ Press *[TOUCH]* to activate the function.
⇒ The display shows *'T Normal'*.
2. ▶ Use the arrow buttons *[TRANS]* to select the desired setting.

Setting	Description
<i>'T Low'</i>	Hard In this setting, the touch response is more sensitive than usual even when playing with a soft touch.
<i>'T Normal'</i>	Normal This setting corresponds to the usual touch response of a keyboard (factory default setting).
<i>'T High'</i>	Soft In this setting, the touch response is less sensitive than usual even when playing with a hard touch (full force for dynamics).

7.6 Setting up the digital piano, Function menu

In the function menu, various parameters of the digital piano can be customized.

Press *[FUNCTION]* to enter the menu. Press *[FUNCTION]* repeatedly to select the various menu items one by one (see the following table). Confirm each with *[ENTER]* and use the arrow buttons *[TRANS]* to set the desired value.

Menü	Funktion	Anzeige	Bereich	Standard
Performa	Transposing	Transp	-12 ... 12	000
Performa	Fine tuning	Tune	-64 ... 63	000
Performa	Octaving first voice	M.Oct	-2 ... 2	000
Performa	Octaving second voice, Split mode	S.Oct	-2 ... 2	000
Performa	Octaving second voice, Dual mode	D.Oct	-2 ... 2	000
Performa	PAN effect first voice	M.Pan	-64 ... 63	000
Performa	PAN effect second voice, Split mode	L.Pan	-64 ... 63	000
Performa	PAN effect second voice, Dual mode	S.Pan	-64 ... 63	000
Performa	Activating sound system	Local	ON/OFF	ON
Performa	Pedal function	Pedal	Pedal/Pedals	Pedal

Menü	Funktion	Anzeige	Bereich	Standard
Mixer	Volume first voice	M.Vol	0 ... 127	127
Mixer	Volume second voice, Split mode	S.Vol	0 ... 127	127
Mixer	Volume second voice, Dual mode	D.Vol	0 ... 127	075
Mixer	Metronome volume	MetroVol	0 ... 127	100
Effect	Reverb effects ratio	R.Lvl	0 ... 127	036
Effect	Chorus effects ratio	C.Lvl	0 ... 127	036

7.6.1 Transposing

With this function you can adjust the pitch of the claviature in 12 semitone steps up or down.

1. ➤ Use [FUNCTION] to open the functions menu. Use the arrow buttons [TRANS] to proceed to submenu 'Performa'.
2. ➤ Confirm with [ENTER] and use the arrow buttons [TRANS] to mark the item 'Transp'.
3. ➤ Confirm with [ENTER] and adjust the setting with the arrow buttons [TRANS] in a range of -12 ... 12.
4. ➤ Press both arrow buttons [TRANS] simultaneously to reset the value to the preset '000'.

7.6.2 Fine tuning

With this function you can fine tune the entire claviature in cent steps.

1. ➤ Use [FUNCTION] to open the functions menu. Use the arrow buttons [TRANS] to proceed to submenu 'Performa'.
2. ➤ Confirm with [ENTER] and use the arrow buttons [TRANS] to mark the item 'Tune'.
3. ➤ Confirm with [ENTER] and adjust the setting with the arrow buttons [TRANS] in a range of -64 ... 63.
4. ➤ Press both arrow buttons [TRANS] simultaneously to reset the value to the preset '000'.

7.6.3 Octaving first voice

This function allows you to shift the first voice by up to two octaves up or down.

1. Use *[FUNCTION]* to open the functions menu. Use the arrow buttons *[TRANS]* to proceed to submenu 'Performa'.
2. Confirm with *[ENTER]* and use the arrow buttons *[TRANS]* to mark the item 'M.Oct'.
3. Confirm with *[ENTER]* and shift the octave with the arrow buttons *[TRANS]* in a range of -2 ... 2.
4. Press both arrow buttons *[TRANS]* simultaneously to reset the value to the preset '000'.

7.6.4 Octaving second voice, Split mode

This function allows you to shift the second voice in Split mode by up to two octaves up or down.

1. Use *[FUNCTION]* to open the functions menu. Use the arrow buttons *[TRANS]* to proceed to submenu 'Performa'.
2. Confirm with *[ENTER]* and use the arrow buttons *[TRANS]* to mark the item 'S.Oct'.
3. Confirm with *[ENTER]* and shift the octave with the arrow buttons *[TRANS]* in a range of -2 ... 2.
4. Press both arrow buttons *[TRANS]* simultaneously to reset the value to the preset '000'.

7.6.5 Octaving second voice, Dual mode

This function allows you to shift the second voice in Dual mode by up to two octaves up or down.

1. Use *[FUNCTION]* to open the functions menu. Use the arrow buttons *[TRANS]* to proceed to submenu 'Performa'.
2. Confirm with *[ENTER]* and use the arrow buttons *[TRANS]* to mark the item 'D.Oct'.
3. Confirm with *[ENTER]* and shift the octave with the arrow buttons *[TRANS]* in a range of -2 ... 2.
4. Press both arrow buttons *[TRANS]* simultaneously to reset the value to the preset '000'.

7.6.6 PAN effect first voice

With this function you can adjust the PAN effect of the first voice.

1. Use *[FUNCTION]* to open the functions menu. Use the arrow buttons *[TRANS]* to proceed to submenu 'Performa'.
2. Confirm with *[ENTER]* and use the arrow buttons *[TRANS]* to mark the item 'M.Pan'.
3. Confirm with *[ENTER]* and adjust the setting with the arrow buttons *[TRANS]* in a range of -64 ... 63.
4. Press both arrow buttons *[TRANS]* simultaneously to reset the value to the preset '000'.

7.6.7 PAN effect second voice, Split mode

With this function you can adjust the PAN effect of the second voice in Split mode.

1. Use *[FUNCTION]* to open the functions menu. Use the arrow buttons *[TRANS]* to proceed to submenu 'Performa'.
2. Confirm with *[ENTER]* and use the arrow buttons *[TRANS]* to mark the item 'S.Pan'.
3. Confirm with *[ENTER]* and adjust the setting with the arrow buttons *[TRANS]* in a range of -64 ... 63.
4. Press both arrow buttons *[TRANS]* simultaneously to reset the value to the preset '000'.

7.6.8 PAN effect second voice, Dual mode

With this function you can adjust the PAN effect of the second voice in Dual mode.

1. Use *[FUNCTION]* to open the functions menu. Use the arrow buttons *[TRANS]* to proceed to submenu 'Performa'.
2. Confirm with *[ENTER]* and use the arrow buttons *[TRANS]* to mark the item 'D.Pan'.
3. Confirm with *[ENTER]* and adjust the setting with the arrow buttons *[TRANS]* in a range of -64 ... 63.
4. Press both arrow buttons *[TRANS]* simultaneously to reset the value to the preset '000'.

7.6.9 Activating sound system

With this function you can activate the built-in sound system of the digital piano.

1. ➤ Use *[FUNCTION]* to open the functions menu. Use the arrow buttons *[TRANS]* to proceed to submenu 'Performa'.
2. ➤ Confirm with *[ENTER]* and use the arrow buttons *[TRANS]* to mark the item 'Local'.
3. ➤ Confirm with *[ENTER]* and use the arrow buttons *[TRANS]* to select one of the following options:
 - 'Local On' – built-in sound system activated.
 - 'Local Off' – built-in sound system deactivated.

7.6.10 Pedal function

This function lets you choose between single and multiple pedal use.

1. ➤ Use *[FUNCTION]* to open the functions menu. Use the arrow buttons *[TRANS]* to proceed to submenu 'Performa'.
2. ➤ Confirm with *[ENTER]* and use the arrow buttons *[TRANS]* to mark one of the options 'Pedal' or 'Pedals'.

7.6.11 Volume first voice

With this function you can adjust the volume of the first voice.

1. ➤ Use *[FUNCTION]* to open the functions menu. Use the arrow buttons *[TRANS]* to proceed to submenu 'MIXER'.
2. ➤ Confirm with *[ENTER]* and use the arrow buttons *[TRANS]* to mark the item 'M.Vol'.
3. ➤ Confirm with *[ENTER]* and adjust the setting with the arrow buttons *[TRANS]* in a range of 0 ... 127.
4. ➤ Press both arrow buttons *[TRANS]* simultaneously to reset the value to the preset '127'.

7.6.12 Volume second voice, Split mode

With this function you can adjust the volume of the second voice in Split mode.

1. ➤ Use *[FUNCTION]* to open the functions menu. Use the arrow buttons *[TRANS]* to proceed to submenu 'MIXER'.
2. ➤ Confirm with *[ENTER]* and use the arrow buttons *[TRANS]* to mark the item 'S.Vol'.

3. ➤ Confirm with *[ENTER]* and adjust the setting with the arrow buttons *[TRANS]* in a range of 0 ... 127.
4. ➤ Press both arrow buttons *[TRANS]* simultaneously to reset the value to the preset '127'.

7.6.13 Volume second voice, Dual mode

With this function you can adjust the volume of the second voice in Dual mode.

1. ➤ Use *[FUNCTION]* to open the functions menu. Use the arrow buttons *[TRANS]* to proceed to submenu 'MIXER'.
2. ➤ Confirm with *[ENTER]* and use the arrow buttons *[TRANS]* to mark the item 'D.Vol'.
3. ➤ Confirm with *[ENTER]* and adjust the setting with the arrow buttons *[TRANS]* in a range of 0 ... 127.
4. ➤ Press both arrow buttons *[TRANS]* simultaneously to reset the value to the preset '075'.

7.6.14 Metronome volume

With this function you can adjust the metronome click volume.

1. ➤ Use *[FUNCTION]* to open the functions menu. Use the arrow buttons *[TRANS]* to proceed to submenu 'MIXER'.
2. ➤ Confirm with *[ENTER]* and use the arrow buttons *[TRANS]* to mark the item 'Metro.Vol'.
3. ➤ Confirm with *[ENTER]* and adjust the setting with the arrow buttons *[TRANS]* in a range of 0 ... 127.
4. ➤ Press both arrow buttons *[TRANS]* simultaneously to reset the value to the preset '100'.

7.6.15 Reverb effects ratio

With this function you can adjust the Reverb effect ratio of the overall volume.

1. ➤ Use *[FUNCTION]* to open the functions menu. Use the arrow buttons *[TRANS]* to proceed to submenu 'Effect'.
2. ➤ Confirm with *[ENTER]* and use the arrow buttons *[TRANS]* to mark the item 'R Lv'.
3. ➤ Confirm with *[ENTER]* and adjust the effects ratio with the arrow buttons *[TRANS]* in a range of 0 ... 127.
4. ➤ Press both arrow buttons *[TRANS]* simultaneously to reset the value to the preset '036'.

7.6.16 Chorus effects ratio

With this function you can adjust the Chorus effect ratio of the overall volume.

- 1.** ➤ Use *[FUNCTION]* to open the functions menu. Use the arrow buttons *[TRANS]* to proceed to submenu 'Effect'.
- 2.** ➤ Confirm with *[ENTER]* and use the arrow buttons *[TRANS]* to mark the item 'C Lv'.
- 3.** ➤ Confirm with *[ENTER]* and adjust the effects ratio with the arrow buttons *[TRANS]* in a range of 0 ... 127.
- 4.** ➤ Press both arrow buttons *[TRANS]* simultaneously to reset the value to the preset '036'.



If you don't make a selection within five minutes, the open menu will be closed.

8 Functions

8.1 Playing demo sequences

16 demo sequences are stored in the memory of the digital piano. Press *[DEMO]* to enter the DEMO mode. The first demo song is shown and played. During playback, you can use the arrow buttons *[TRANS]* to switch between the demo songs at will.

Press *[DEMO]* again to stop playback.

8.2 Reverb effect

With this function you can turn on the Reverb effect and select the effect type.

1. ➤ Press *[REVERB]* to add the Reverb effect.

2. ➤ Use the arrow buttons *[TRANS]* to select one of the following options:

- 'Hall1'
- 'Hall2'
- 'Room1'
- 'Room2'
- 'Room3'
- 'Stage1'
- 'Stage2'
- 'Plate'

3. ➤ Specify the effect ratio of the overall volume via the function menu, see [Chapter 7.6 'Setting up the digital piano, Function menu'](#) on page 19.

8.3 Chorus effect

With this function you can turn on the Chorus effect and select the effect type.

1. ➤ Press *[CHORUS]* to add the Chorus effect.
2. ➤ Use the arrow buttons *[TRANS]* to select one of the following options:
 - 'Chorus1'
 - 'Chorus2'
 - 'Chorus3'
 - 'Chorus4'
 - 'Feed back'
 - 'Flanger1'
 - 'ShrtDely'
 - 'ShrtDLFb'
 - 'Flanger2'
 - 'Flanger3'
 - 'Celeste1'
 - 'Celeste2'
 - 'Celeste3'
3. ➤ Specify the effect ratio of the overall volume via the function menu, see [Chapter 7.6 'Setting up the digital piano, Function menu' on page 19](#).

8.4 Selecting timbre

16 timbres that can be assigned to the keyboard are stored in the memory of the digital piano. Press the associated one-touch key to activate the desired timbre, see [Chapter 6 'Control panel and connections' on page 15](#).

Push the one-touch button once to select the first (upper) voice. Push the one-touch button twice to select the second (lower) voice.

8.5 Split mode

In Split mode, different voices are assigned to certain areas of the keyboard.

1. ➤ Use the one-touch timbre buttons to select the voice you want to assign to the right hand.
2. ➤ Press *[SPLIT]* to activate the Split mode.
 - ⇒ The display shows the number and name of the preset second voice.
3. ➤ Use the arrow keys *[TRANS]* to select the left hand voice.

Split point setting

Using this function you can select a point to split the whole claviature into two areas.

1. ➤ Keep the *[SPLIT]* button pressed.
2. ➤ Press that key of the claviature where you want to set the split point to.

The new split point is instantly applied.

Setting the dual voice volume

1. ➤ Keep the *[SPLIT]* button pressed for five seconds.
2. ➤ Use the arrow buttons *[TRANS]* to set the volume in the range of 0 ... 127

8.6 Dual mode

In Dual mode two voices sound simultaneously when playing on the keyboard.

Selecting voices

Press the one-touch buttons of the two voices that you want to layer over each other while playing.

Press any one-touch button to exit the Dual mode.

Setting the dual voice volume

See ↗ *Chapter 7.6.13 'Volume second voice, Dual mode'* on page 24.

Press *[DUAL]* to exit the Dual mode. The LED of the button goes out.

8.7 Twin mode

In Twin mode, the keyboard is divided into two areas with the same voice. The area on the right comprises the piano keys C#3 to C7, the area to the left comprises the piano keys A1 to C3.

Press *[TWIN]* to activate the Twin mode.

Press *[TWIN]* again to exit the Twin mode again.

8.8 Metronome

With this function, you can turn the built-in metronome on or off.

1. ▶ Press *[METRONOME]* to turn the Metronome on. The display shows the time signature.
2. ▶ Use the arrow buttons *[TRANS]* to select the desired time signature. 2/2, 1/4, 2/4, 3/4, 4/4, 5/4, 6/4, 3/8, 6/8, 7/8, 9/8, 12/8 (default setting: 'Tick 4/4').
3. ▶ Press *[METRONOME]* again to turn the Metronome off.

8.9 Tempo / Tap function

This function allows you to adjust the playback speed of the demo songs as well as click tempo and to switch between 3/4 and 4/4 time.

1. ▶ Press *[TEMPO/TAP]* to activate the speed setting mode.
2. ▶ Use the arrow buttons *[TRANS]* to set the desired speed in the range of 20 ... 280
or
3. ▶ Press *[TEMPO/TAP]* four times in the desired tempo. This tempo is then applied as playback speed in 4/4 time.
or
4. ▶ Press *[TEMPO/TAP]* three times in the desired tempo. This tempo is then applied as playback speed in 3/4 time.
5. ▶ Press both arrow buttons *[TRANS]* simultaneously to reset the value to the preset '120'.

8.10 Recording function

Recording user tracks

The digital piano offers two tracks for user recordings.

1. ➤ Press **[RECORD]** and **[TRACK 1]** simultaneously for recording to track 1.
⇒ The LEDs of the buttons light up.
2. ➤ The recording starts when you begin playing.
3. ➤ Press **[RECORD]** again to stop recording.



*If track 2 already contains data, the LED of the button **[TRACK 2]** lights and that track is played as accompaniment track during recording. To mute the already data containing track 2 while recording, press **[TRACK 2]**.*

1. ➤ Press **[RECORD]** and **[TRACK 2]** simultaneously for recording to track 2.
⇒ The LEDs of the buttons light up.
2. ➤ The recording starts when you begin playing.
3. ➤ Press **[RECORD]** again to stop recording.



*If track 1 already contains data, the LED of the button **[TRACK 1]** lights and that track is played as accompaniment track during recording. To mute the already data containing track 1 while recording, press **[TRACK 1]**.*

User track playback

1. ➤ Press **[PLAY]** to play recorded tracks.
2. ➤ Use **[TRACK 1]** and **[TRACK 2]** to change between track 1 and track 2 at will.
3. ➤ Press **[PLAY]** again to stop playback.

Deleting user recordings

Keep the button **[TRACK 1]** or **[TRACK 2]** pressed for five seconds to delete the recording on track 1 and 2, respectively.

9 Troubleshooting

Problem	Possible causes and solutions
You hear a 'pop' sound from the speakers when switching the digital piano on and off.	This is normal. No need to worry.
No sound can be heard when playing the piano.	<p>Make sure that the volume control is set appropriately.</p> <p>Check if headphones are plugged into the headphone output. Connecting headphones will mute the speakers of the digital piano.</p> <p>Check in the function menu that the built-in sound system is activated. On activating, the display shows <i>'Local On'</i>.</p>
Malfunction occurs when using a mobile phone.	Using a mobile phone near the digital piano can cause interference. To prevent this, turn off the mobile phone or use it only at a safe distance.

10 MIDI implementation chart

Function		Sent	Received	Notes
Basic Channel	Default	1 – 16	1 – 16	
	Changed	1 – 16	1 – 16	
Mode	Default	Mode 3	Mode 3	
	Messages	No	No	
	Altered	*	No	
Note Number		0 – 127	0 – 127	
	True voice	*	0 – 127	
Velocity	Note ON	9nH, v = 1 – 127	9nH, v = 1 – 127	
	Note OFF	9nH, v = 0 or 8nh	9nH, v = 0 or 8nh	
After Touch	Keys	No	No	
Pitch Bend		No	No	
Control Change	0.32	Yes	Yes	Bank Select
	1	Yes	Yes	Modulation
	5	No	Yes	Portamento Time
	6	Yes	Yes	Data Entry
	7	Yes	Yes	Volume
	10	Yes	Yes	Pan
	11	Yes	Yes	Expression
	64	Yes	Yes	Sustain Pedal
	65	No	Yes	Portamento ON/OFF
	66	No	Yes	Sostenuto Pedal
	67	No	Yes	Soft Pedal
	80.81	Yes	Yes	DSP TYPE
	91.93	Yes	Yes	DSP DEPTH
	100.101	Yes	Yes (*1)	RPN LSB, MSB
	120	Yes	Yes	All Sound Off
121	No	Yes	Reset All Controllers	
122	No	Yes	Local control	
Program Change		Yes	Yes	
		0 – 127	0 – 127	
	True	0 – 127	0 – 127	
System Exclusive		No	No	

Function		Sent	Received	Notes
System Common	Song Position Pointer	No	No	
	Song Select	No	No	
	Tune Request	No	No	
Aux Messages	LOCAL ON/OFF	No	Yes	
	All Notes Off	No	Yes	
	Active Sensing	No	Yes	
	System Reset	No	Yes	
Notes:	*1 Registered parameter number: #0: Pitch sensitivity #1: Fine tuning cents #2: Coarse tuning in half-tones			

MIDI channel modes

	POLY	MONO
OMNI ON	Mode 1	Mode 2
OMNI OFF	Mode 3	Mode 4

11 Technical specifications

Display	Blue backlit LCD
Keyboard	88 weighted keys with hammer action and adjustable touch response
Polyphony	64-voice
Sound settings	16
Recording tracks	2
Pedal	Sustain (1/4")
Connections	Power supply via 12 V adapter  , headphones (1/4"), USB to Host, audio out, audio in
Speaker	2 × 15 W @ 4 Ω
Dimensions (W × D × H)	1325 mm × 415 mm × 965 mm
Weight	31 kg
Housing colour	Anthracite

12 Protecting the environment

Disposal of the packaging material



For the transport and protective packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling.

Ensure that plastic bags, packaging, etc. are properly disposed of.

Do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.

Disposal of your old device



This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE). Do not dispose with your normal household waste.

Dispose of this device through an approved waste disposal firm or through your local waste facility. When discarding the device, comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.

