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DP-51 BP, DP-51 WHP
digital piano

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digital piano

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.

Do not use the device if covers, protectors or optical components are missing or damaged.

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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!

Power supply

Before connecting the device, 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 injure the user.

Unplug the device before electrical storms occur and when it 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, adjustable touch velocity with three levels
- User-friendly controls and indicators
- Polyphony: 128-voice
- 40 voices
- 50 Styles
- 60 rehearsal songs
- Two demo songs
- Three memory locations for user recordings
- Reverb and Chorus effects
- Sequencer function
- Metronome
- Dual Mode, Split Mode
- Transpose function
- Connections: USB MIDI, headphones, Aux IN/OUT, MIDI IN/OUT, pedals
- Built-in speakers

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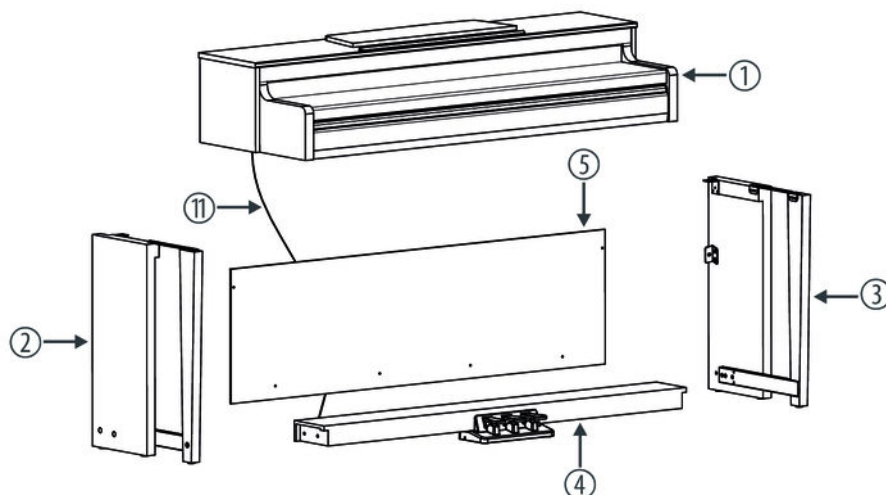
You need a Phillips screwdriver (not supplied) for the assembly of the digital piano. Open the package and please make sure before assembling that the entire scope of delivery is present, as posted here.

1	Digital piano housing with music stand
2	Left side panel
3	Right side panel
4	Pedal box
5	Back panel
6	2 × screws M6 × 18
7	2 × hand screws
8	4 × screws M6 × 50
9	4 × screws 4 × 15BA
10	6 × plastic caps
11	Pedal cable
12	Power cord
13	2 × screws M6 × 12

Mechanical assembly

1. ▶ Set up the digital piano near a power wall outlet.

2. ▶ Proceed according to the illustrations and only use the supplied screws. Using other screws could damage the piano housing or result in a reduced stability of the piano.
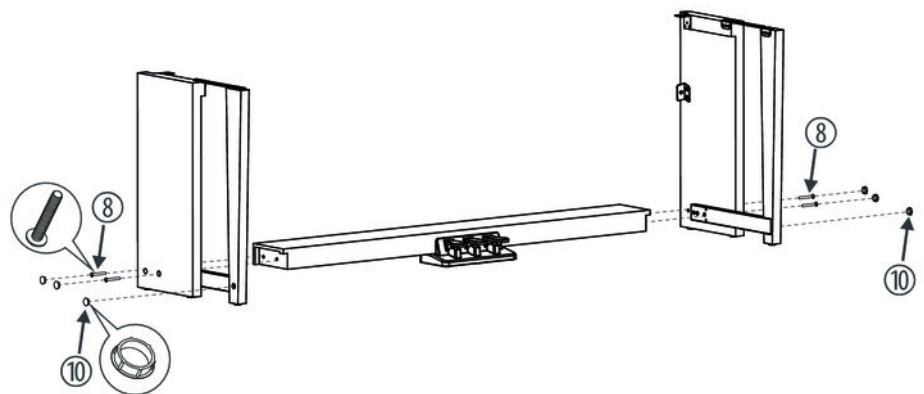
3. ▶ Put the pedal box between the left and right side panel and use two screws M6 × 50 on each side to affix both side panels to the pedal box.

Attach the six plastic caps.
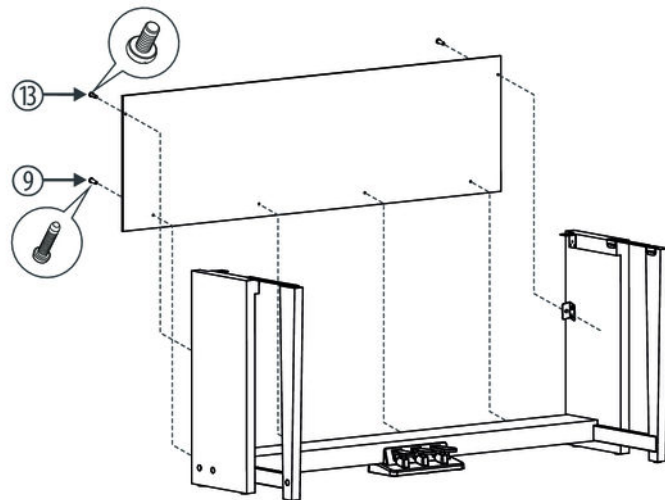
4. ▶ Fasten the back panel with four screws × 15BA at the Foot pedal unit with two screws M6 × 12 at the washer of the side panels.

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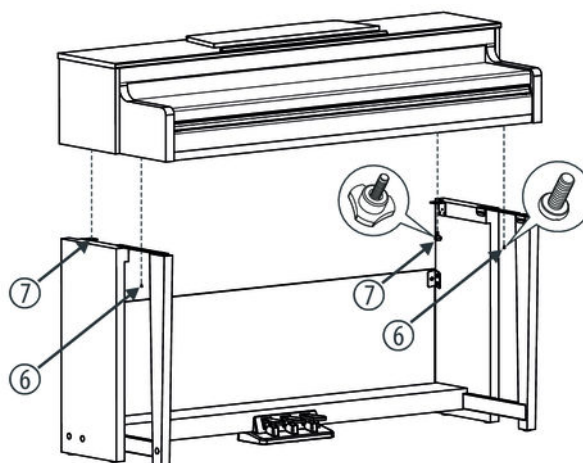
5. ▶ Place the digital piano case on the frame and secure it to the side panels with two screws M6 × 18 and the two thumbscrews.
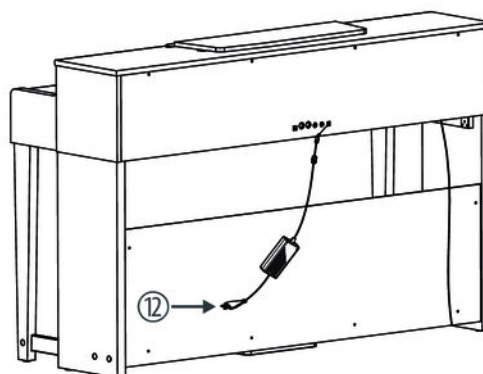
6. ▶ Insert the DIN plug of the pedal cable into the provided socket on the bottom side of the digital piano. Insert the plug into the corresponding socket on the bottom side of the digital piano. Fix the cables to the base frame and move the digital piano to the desired position.

Mains connection

VOLUME

MAX

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.
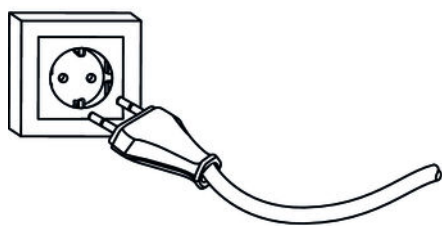
3. ▸ Plug the power cord into a 230 V AC outlet.

4. ▸ Now you can turn on the device.

> ℹ️ *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.*

Assembly overview
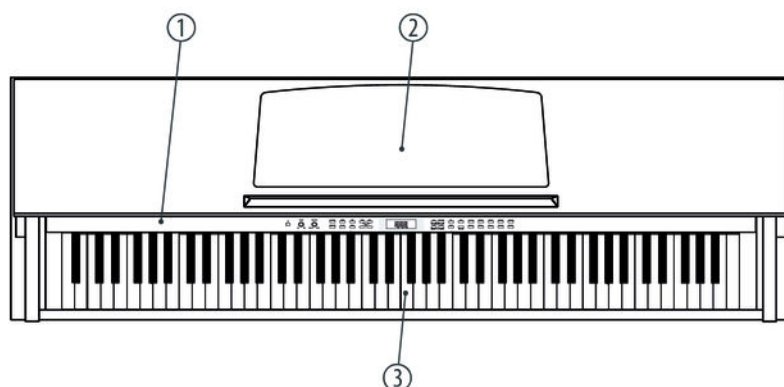
Top view

1	Operating panel
2	Music stand
3	Claviature
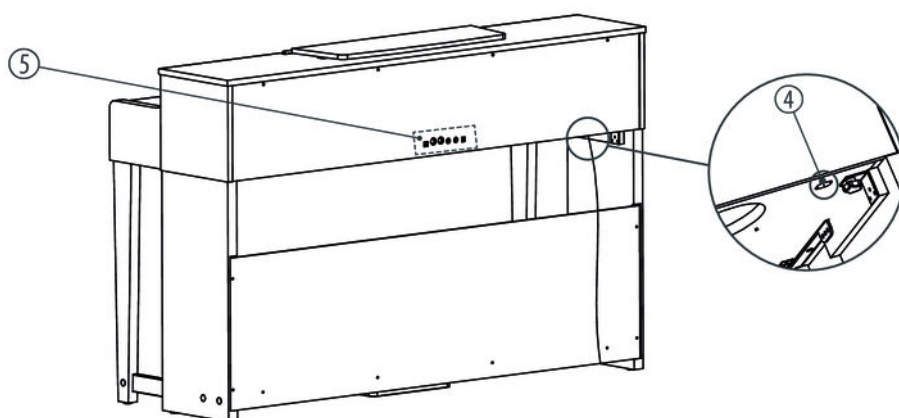
Rear panel

4	Connection for pedal cable
5	Connection sockets

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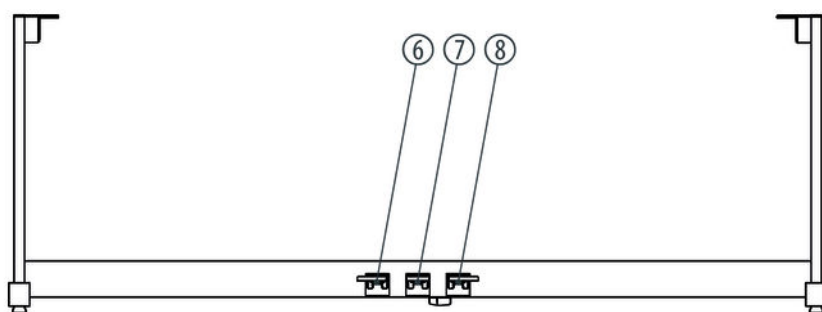
Pedals

6	Soft pedal
7	Sostenuto pedal
8	Sustain pedal

5 Connections and controls
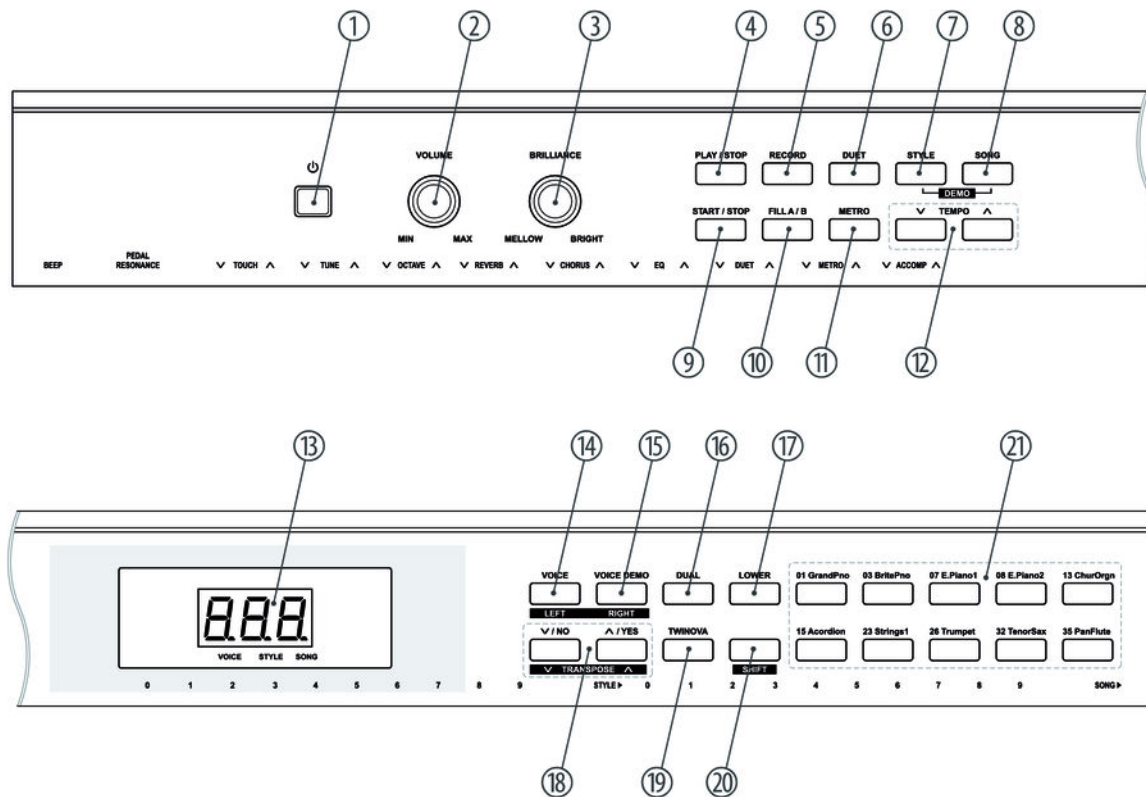
1	Main switch to turn the device on and off.
2	*[VOLUME]*
	Rotary volume control.
3	*[BRILLIANCE]*
	Rotary brilliance control.
4	*[PLAY / STOP]*
	Button to start and stop song playback.
5	*[RECORD]*
	Button to activate record mode.
6	*[DUET]*
	Button to activate Duet mode.
7	*[STYLE]*
	Button to access the style menu.

8	*[SONG]*
	Button to access the song menu.

9	*[START / STOP]*
	Button to start and stop song and style playback.

10	*[FILL A/B]*
	Button to insert a fill bar.

11	*[METRONOME]*
	Button to turn the metronome on and off.

12	*[TEMPO +]	[TEMPO –]*
	Buttons for increasing / decreasing the playback speed.

13	Display.

14	*[VOICE]	[LEFT]*
	Button to access the Voice menu.
	Additional function while pressing the *[SHIFT]* button: mute the left-hand voice of the selected song in practice mode.

15	*[VOICE DEMO]	[RIGHT]*
	Button to access the Voice Demo function.
	Additional function while pressing the *[SHIFT]* button: mute the right-hand voice of the selected song in practice mode.

16	*[DUAL]*
	Button to activate Dual mode.

17	*[LOWER]*
	Button to activate Split mode.

18	*[YES/+]	[NO/–]	[TRANSPOSE +/–]*
	Button to increase / decrease the displayed value by one.
	Additional function while pressing the *[SHIFT]* button: transpose the entire keyboard up or down by twelve semitones.

19	*[TWINOVA]*
	Button to activate TWINOVA mode.

20	*[SHIFT]* Activates the second function of the dual-assigned function keys as well as the software functions of the piano keys: ■ *[BEEP]* Turn button sound on or off. ■ *[PEDAL RESONANCE]* Turn the sustain effect of the pedals on or off. ■ *[TOUCH]* Select a touch velocity preset. ■ *[TUNE]* Fine tune the claviature. ■ *[OCTAVE]* Transpose the claviature (TWINOVA mode). ■ *[REVERB]* Select effect type (Reverb). ■ *[CHORUS]* Select effect type (Chorus). ■ *[EQ]* Select an equalizer preset. ■ *[DUET]* Selecting Duet mode. ■ *[METRO]* Set the metronome's time signature. ■ *[ACCOMP]* Increase / decrease the volume of the accompaniment track. ■ *[STYLE]* Select Style 0 … 9. ■ *[SONG]* Select Song 0 … 9.
21	Direct selection buttons for selecting voices.

Rear panel connections
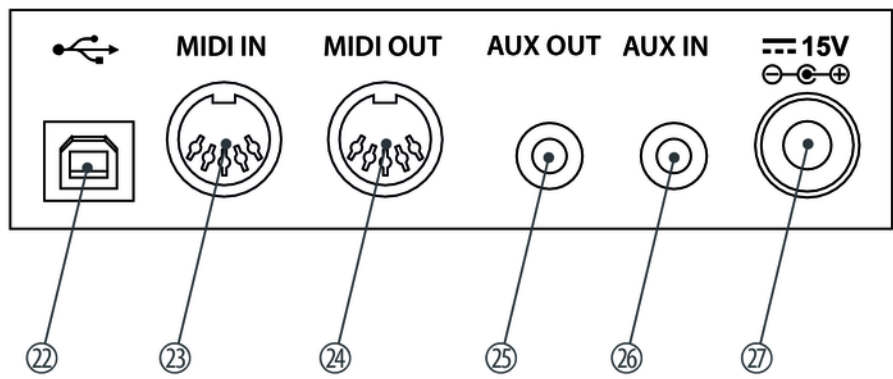
22	*[USB]*
	USB interface to connect a computer.
23	*[MIDI IN]*
	MIDI in for connecting an external MIDI device.
24	*[MIDI OUT]*
	MIDI out for connecting an external MIDI device.
25	*[AUX OUT]*
	Output socket for connecting the digital piano to an amplifier, stereo system, mixer or recording device.
26	*[AUX IN]*
	Input socket for connecting an external audio device (e.g. MP3 or CD player).
27	Socket for connecting the mains power cable.

Piano keys   The claviature keys are referred to in this manual as shown below.
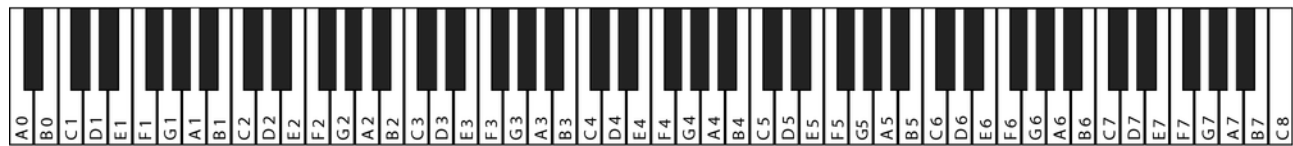
6   Connection options

Headphones
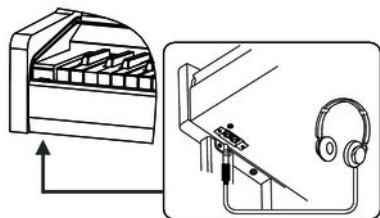
To the left beneath the keyboard you will find the headphones outlets 1 and 2.

Connecting headphones (not supplied) to outlet 2 mutes the speakers.

When using output 1 you will hear the sound through headphones and speakers.

Pedals
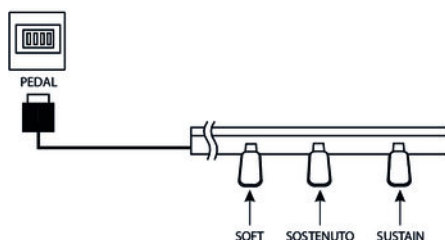
1. ▶ Connect the foot pedal to the provided connector on the bottom of the pedal box.

2. ▶ Pedal functions:

Soft Pedal
Using the Soft pedal makes the piano sound smoother and the overall volume is attenuated.
Sostenuto Pedal
When stepping on the Sostenuto pedal, the currently played notes linger until you release the pedal.
Sustain Pedal
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 via AUX OUT
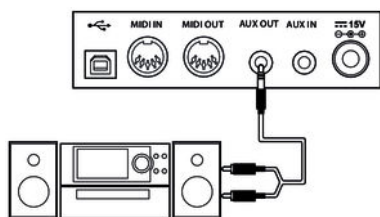
Use the *[AUX OUT]* socket to connect the digital piano to an amplifier, stereo device, mixing console or recording device. Plug one end of the audio cable into the *[AUX OUT]* socket on the rear panel of the digital piano and the other end into the input of the respective audio device.

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

External audio devices via AUX IN
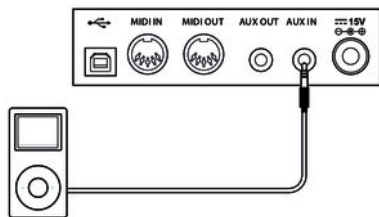
Use the *[AUX IN]* socket to connect (for example) a CD or MP3 player to the digital piano. This enables you to play music through the internal speakers of the digital piano and simultaneously play along to it. Plug one end of the audio cable into the *[AUX IN]* socket on the rear panel of the digital piano and the other end into the output of the respective audio device.

Computer via USB
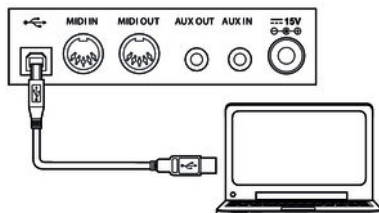
You can connect the digital piano to exchange data with a PC via the USB port.

MIDI interface
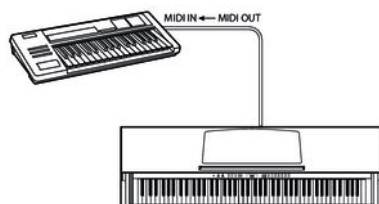
■ MIDI ports

MIDI stands for 'Musical Instrument Digital Interface' and represents a global standard for communication between numerous electronic instruments and sound modules.

– MIDI IN: The device receives MIDI data from other devices through this port.

– MIDI OUT: MIDI data generated by the digital piano is sent to other MIDI devices through this port.

7 Turning the digital piano on and off, performing set-up

7.1 Turning the digital piano on and off

Press the power button on the left of the front panel to turn the device on and off. When the value *'0.01'* appears on the display, the device is ready for use.

> *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 shutdown

If the digital piano is not in use, it shuts off after 30 minutes automatically. To deactivate the function, hold down the *[A0]* key and turn on the device.

To turn the device on again after an automatic shutdown, press the main power button on the left of the front panel.

7.3 Adjusting the volume

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

7.4 Adjust the sound quality to suit the ambient sound.

Use the rotary control *[BRILLIANCE]* to adjust the sound quality. Turn this control clockwise to produce a brighter sound. Turn it in the opposite direction to produce a darker sound with less presence.

7.5 Setting the touch sensitivity

With this function you can adjust the touch response of the claviature via three levels.

1. ▶ Keep the *[SHIFT]* button pressed.

2. ▶ Press the keyboard keys *[TOUCH]* ▲ and *[TOUCH]* ▼ to adjust the touch sensitivity.

Value	Description
'OFF'	Touch velocity is switched off. Pressing the keys firmly or softly has no effect on the volume.
'1'	Soft Pressing the keys firmly or softly has a slight effect on the volume.
'2'	Normal This setting corresponds to the usual touch response of a keyboard (factory default setting).
'3'	Hard Pressing the keys firmly or softly has a significant effect on the volume, i.e. you have to press the keys very firmly to achieve full volume.

7.6 Fine tune

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

1. ▶ Keep the *[SHIFT]* button pressed.

2. ▶ Fine tune the claviature by pressing the keyboard keys *[TUNE]* ▲ and *[TUNE]* ▼. Each time a key is pressed, the value changes by 1 cent.

7.7 Transpose

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

1. ▶ Keep the *[SHIFT]* button pressed.

2. ▶ Press the keyboard keys *[TRANSPOSE]* ▲ and *[TRANSPOSE]* ▼ to adjust the pitch. Each time a key is pressed, the value changes by one semitone.

3. ▶ Press both keys simultaneously to reset the pitch to the default value *'00'*.

7.8 Set the metronome's time signature

With this function you can set the metronome's time signature.

1. ▶ Keep the *[SHIFT]* button pressed.

2. ▶ Adjust the time signature by pressing the keyboard keys *[METRO]* ▲ and *[METRO]* ▼ within a range of *'0'*, *'2'* … *'9'*.

7.9 Split point setting

Using this function you can select a point to split the entire claviature into two zones.

1. ▶ Keep the *[LOWER]* button pressed.

2. ▶ Press the key where you want to set the split point.

7.10 Reverb effect

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

1. ▶ Keep the *[SHIFT]* button pressed.

2. ▶ Select the desired effect type by pressing the keyboard keys *[REVERB]* ▲ and *[REVERB]* ▼.

- ■ *'OFF'*: turns the Reverb effect off.
- ■ *'1'*: Room
- ■ *'2'*: Reverb
- ■ *'3'*: Church
- ■ *'4'*: Delay
- ■ *'5'*: Pan Delay

3. ▶ Press both keyboard keys at the same time to load the default value *'2'*.

7.11 Chorus effect

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

1. ▶ Keep the *[SHIFT]* button pressed.

2. ▶ Select the desired effect type by pressing the keyboard keys *[CHORUS]* ▲ and *[CHORUS]* ▼.

- ■ *'OFF'*: turns the Chorus effect off.
- ■ *'1'*: Chorus 1
- ■ *'2'*: Chorus 2
- ■ *'3'*: Chorus 3
- ■ *'4'*: Flanger
- ■ *'5'*: Rotary

3. ▶ Press both keyboard keys at the same time to load the default value *'OFF'*.

7.12 Equalizer

With this feature you can select a particular timbre.

1. ▶ Keep the *[SHIFT]* button pressed.

2. ▶ Select the desired setting by pressing the keyboard keys *[EQ]* ▲ and *[EQ]* ▼.

- ■ *'1'*: Standard
- ■ *'2'*: Modern
- ■ *'3'*: Rock
- ■ *'4'*: Classic
- ■ *'5'*: Jazz

3. ▶ Press both keyboard keys at the same time to load the default value *'1'*.

7.13 Pedal resonance

This function reproduces the sustain effect of a piano.

1. ▶ Keep the *[SHIFT]* button pressed.

2. ▶ Press the keyboard key *[PEDAL RESONANCE]* to turn the effect on or off.

> *Activating the resonance effect suppresses the chorus effect.*

8 Operating

8.1 Playing demo songs

The digital piano offers a total of two demo songs.

1. ▶ Press the *[STYLE]* and *[SONG]* buttons simultaneously to start playing the demo songs in a continuous loop.

2. ▶ Press ▲ / *[YES]* and ▼ / *[NO]* to switch between the demo songs. The display indicates which demo song is currently being played.

3. ▶ Press the buttons *[STYLE]* and *[SONG]* again simultaneously or the *[START/STOP]* button to stop playback of the demo songs.

8.2 Playing Styles

The digital piano includes pre-set Styles that are designed to accompany you when performing, practising and recording.

1. ▶ Press *[STYLE]* to activate Style mode.

⇨ The display shows the number of the most recently selected Style in the format *'xx.x'*.

2. ▶ Press ▲ / *[YES]* and ▼ / *[NO]* or a direct selection button to activate the desired Style (see ↻ *Chapter 12 'Style List' on page 34*).

3. ▶ Press *[START/STOP]* to begin/end playback of the Style.

> ⓘ *To select a Style via the keyboard keys, hold down the shift key and press (e.g. for Style number 08) the keys that are labelled 0 and 8 successively.*

8.3 Song playback

The instrument includes a selection of 60 songs to accompany you when performing, practising and recording.

1. ▶ Press *[SONG]* to start playing the songs in a continuous loop.

   ⇨ The display shows the number of the most recently played song in the format *'xx.x'*.

2. ▶ Press ▲ / *[YES]* and ▼ / *[NO]* to switch between the demo songs (see ↧ *Chapter 13 'Practice and demo songs' on page 35*).

3. ▶ Press *[START/STOP]* to begin/end playback of the songs.

4. ▶ If desired, hold down the *[SHIFT]* button and press *[LEFT]* or *[RIGHT]* to mute the song's melody or accompaniment track and play this part by yourself.

5. ▶ Press *[STYLE]* or *[VOICE]* to exit Song mode.

> *To select a song via the keyboard keys, hold down the shift key and press (e.g. for song number 08) the keys that are labelled 0 and 8 successively.*

8.4 Tempo

All preprogrammed songs, styles and voices, and the metronome function are stored with certain tempo information. These presets can be adjusted at any time.

1. ▶ Press both *[TEMPO]* function buttons during playback or with a running metronome to adjust the tempo in a range from *'30'* … *'280'*.

   or

2. ▶ Hold down the *[SHIFT]* button and adjust the tempo with the keyboard keys *[TEMPO]* ▲ and *[TEMPO]* ▼.

   or

3. ▶ Hold down the *[SHIFT]* button and press the *[TAP]* key on the claviature twice at the desired tempo.

4. ▶ Press both *[TEMPO]* function buttons simultaneously to reset the tempo to the factory default setting.

> *To change the tempo via the keyboard keys, hold down the shift key and press (e.g. for a tempo of 64 bpm) the keys that are labelled 0, 6 and 4 successively.*

8.5 Selecting voices

The instrument features a selection of 40 authentic voices, see ✎ *Chapter 11 'Voice List' on page 33*.

1. ▶ Press *[VOICE]* or one of the direct selection buttons to activate the last set or a desired voice directly.

⇨ The display shows the number of the first right-hand voice (main voice), e.g. *'0.01'*.

2. ▶ Use the buttons ▲ / *[YES]* and ▼ / *[NO]* or a direct select button to assign the desired voice.

In Dual and Split mode, change between the first and second right-hand voice and the left-hand voice by repeatedly pressing the *[VOICE]* button. The display will show the selected voice. See the following sections regarding Dual mode and Split mode.

8.6 Dual mode

In Dual mode, you can play two voices simultaneously.

1. ▶ First, select the first voice as described in section ✎ *Chapter 8.5 'Selecting voices ' on page 27*.

2. ▶ Press *[DUAL]* to activate Dual mode.

⇨ The DUAL display illuminates. The display shows the number of the second right-hand voice, e.g. *'d.30'*.

3. ▶ Use the buttons ▲ / *[YES]* and ▼ / *[NO]* or a direct select button to assign the desired voice.

⇨ The currently set second voice appears in the display. If you now press a key, both voices sound simultaneously.

4. ▶ Press the *[DUAL]* button again to exit Dual mode.

> ⓘ *When the keyboard is split, Dual mode affects only the keys to the right of the keyboard split point.*

8.7 Split mode

With this function you can split the claviature into two zones and assign different voices. By default, the bass voice is left of the split point.

1. ▶ If desired, individually specify the split point as described in ✥ *Chapter 7.9 'Split point setting' on page 23*.

2. ▶ Assign the right-hand voice as described in section ✥ *Chapter 8.6 ' Dual mode' on page 27*.

3. ▶ Press *[SHIFT]* and *[LOWER]* simultaneously to enter Split mode.

4. ▶ Use the buttons ▲ / *[YES]* and ▼ / *[NO]* or a direct select button to assign a voice to the zone to the left of the split point (second voice).

   ⇨ The currently set second voice appears in the display. You now have the opportunity to play the digital piano with two different voices.

5. ▶ Press the *[LOWER]* button again to exit Split mode.

8.8 Duet mode

With this function an appropriate accompanying voice is automatically generated by the digital piano when you play chords in the chord section of the claviature.

1. ▶ Press *[DUET]* to activate the function.

2. ▶ Hold down the *[SHIFT]* button and select the desired duet pattern with the piano keys *[DUET]*.

3. ▶ Press *[DUET]* again to deactivate the function.

8.9 TWINOVA

In TWINOVA mode, the keyboard is divided into two zones with the same voice and the same pitch.

1. ▶ Select the desired voice (see ✥ *Chapter 8.5 'Selecting voices ' on page 27*).

2. ▶ Press *[SHIFT]* and *[TWINOVA]* simultaneously to enter TWINOVA mode.

3. ▶ If desired, set a split point (see ✥ *Chapter 7.9 'Split point setting' on page 23*).

4. ▶ If desired, adjust the octave range (see ✥ *Chapter 7.7 'Transpose' on page 23*).

5. ▶ Press *[SHIFT]* and *[TWINOVA]* simultaneously again to exit TWINOVA mode.

8.10 Auto Accompaniment

1. ▸ Select the desired Style (see ✋ *Chapter 8.2 'Playing Styles' on page 25*).

2. ▸ The accompaniment starts when you play a key in the chord section.

3. ▸ If desired, you can insert fills as a transition between two song-parts with *[FILL A/B]*.

8.11 Accompaniment track volume, muting

This function allows you to adjust the volume of the accompaniment track in relation to the volume of the claviature, or to mute the accompaniment track.

1. ▸ **Setting the accompaniment track volume**

Keep the *[SHIFT]* button pressed.

Use the function buttons *[ACCOMP]* to adjust the accompaniment track volume in a range from 0 … 127.

2. ▸ **Muting the accompaniment track**

Press both function buttons *[ACCOMP]* simultaneously to mute the accompaniment track. The display shows *'oFF'*.

3. ▸ **Re-enabling the accompaniment track**

Press both function buttons *[ACCOMP]* simultaneously to re-enable the accompaniment track.

⇨ The display returns to the set volume level of the accompaniment track, e.g. *'100'*.

8.12 Recording function

You can record your own songs with the digital piano and save up to five recordings as user songs in the internal memory. Unsaved recordings are retained in the clipboard memory after switching the digital piano off.

8.12.1 Preparing to record, begin recording

1. ▸ Press *[RECORD]* to activate the recording mode.

2. ▸ Press ▲ / *[YES]* and ▼ / *[NO]* to select a free memory location for the recording.

⇨ If a memory location is already full, the value *'r-'* appears on the display. Empty memory locations are labelled *'nF'*.

3. ▸ Press *[RECORD]* again to record-enable the digital piano.

⇨ The Record LED flashes.

4. ▸ If desired, select an accompaniment or voice and set the recording tempo.

5. ▶ Recording starts as soon as you strike the first note or chord or press *[START/STOP]*.

8.12.2 Stop recording

Press *[RECORD]* to cancel or stop recording at any time.

When the maximum storage capacity is reached, recording will stop automatically and the recorded data will be saved. The display shows *'Ful'*.

8.12.3 Playback recordings

1. ▶ End the recording by pressing *[RECORD]*.

2. ▶ Press *[START/STOP]* to switch to normal playback mode and select the desired recording with ▲ / *[YES]* and ▼ / *[NO]*.

3. ▶ Start and stop playback with *[PLAY/STOP]*.

8.12.4 Deleting recordings

Deleting single recordings

1. ▶ Press *[START/STOP]* to switch to normal playback mode and select the desired recording with ▲ / *[YES]* and ▼ / *[NO]*.

2. ▶ Press *[RECORD]*.

⇨ The display shows *'del'*.

3. ▶ Confirm with ▲ / *[YES]* or cancel the delete process with ▼ / *[NO]*.

Deleting all recordings

1. ▶ Turn off the digital piano.

2. ▶ Press *[PLAY/STOP]* and *[RECORD]* simultaneously and switch the digital piano on again.

⇨ All user recordings will be deleted without a prompt.

9 Technical specifications

Keyboard	88 weighted keys with hammer action and adjustable touch response
Polyphony	128-voice
Voices	40
Styles	50
Practice songs	60
Demo songs	2
Memory	5 memory locations for user recordings
Pedals	Soft, Sostenuto, Sustain
Connections	Power supply, headphones, AUX, USB, MIDI
Speakers	Bass driver: 2 × 40 W, 6 Ω Tweeter: 2 × 25 W, 4 Ω
Operating supply voltage	15 V⎓, 2500 mA
Dimensions (W × D × H)	1400 mm × 910 mm × 492 mm
Weight	59 kg

Housing colour	Black polish	Item number 384231
	White	Item number 384227
	Black	Item number 413056

10   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.	Make sure that the volume control is set appropriately. Check if headphones are plugged into the headphone output 2. Connecting headphones will mute the speakers of the digital piano.
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.

11   Voice List

No.	Name	No.	Name
001	Acoustic Grand Piano	021	Cello
002	Acoustic Grand Piano (wide)	022	Orchestral Harp
003	Bright Acoustic Piano	023	String Ensembles 1
004	Electric Grand Piano	024	String Ensembles 2
005	Honky Tonk Piano	025	Choir Aahs
006	Harpsichord	026	Trumpet
007	Electric Piano 1	027	Trombone
008	Electric Piano 2	028	Tuba
009	Clavi	029	French Horn
010	Drawbar Organ	030	Soprano Sax
011	Percussive Organ	031	Alto Sax
012	Rock Organ	032	Tenor Sax
013	Church Organ	033	Baritone Sax
014	Reed Organ	034	Flute
015	Accordion	035	Pan Flute
016	Tango Accordion	036	Sitar
017	Nylon Guitar & Acoustic Bass	037	Banjo
018	Steel Guitar & Finger Bass	038	Shamisen
019	Slap Bass & Vibraphone	039	Koto
020	Violin	040	Bag Pipe

12 Style List

No.	Name	No.	Name
001	Romantic 8beat	026	Lambada
002	Pop 8Beat	027	Samba
003	Slow Rock	028	ChaCha
004	Lyric 3Beat	029	Beguine
005	Pop Waltz	030	Salas
006	Slow Waltz	031	Pop Bossa
007	Waltz1	032	Blues1
008	Waltz2	033	Blues2
009	Waltz3	034	Blues3
010	Vienna Waltz	035	Jazz Blues
011	1-Mar	036	Piano Beat
012	2-Mar	037	Piano Bar
013	Polka	038	Pop 1
014	Italian Polka	039	Pop 2
015	Jazz Pub	040	Pop 3
016	Jazz 1	041	Pop 4
017	Jazz 2	042	Pop Country
018	Jazz 3	043	Pianist 1
019	Jazz 4	044	Pianist 2
020	Jazz 5	045	Ballad 1
021	Boogie	046	Ballad 2
022	Jive	047	Ballad 3
023	Dixieland	048	Ballad 4
024	Latin	049	6/8 Ballad
025	Tango	050	6/8 Ballad 2

13 Practice and demo songs

Practice songs

No.	Name	No.	Name
001	The Entertainer	031	Robot Doll
002	Rialto Ripples (Rag)	032	Consolation
003	Neapolitan Song	033	2-Part Invention #13 In A Minor.B.W. Iii
004	Waltzes	034	Minuet In G Major (BWV Annex 114)
005	Turkish March	035	Barcarolle
006	Schos Doll's Dance No. 2	036	Norwegian Dance No.2
007	Minuet In D Major	037	Moseta Dance
008	Inquietude	038	The Small Gathering
009	Italian Polka	039	The Return
010	Moment Musical	040	The Wagtail
011	Prelude In C-Sharp Major	041	Bulie Dance
012	The Happy Farmer	042	Tender Blossom
013	The Rag-Time Dance	043	Grace
014	Piano Sonata In C Major, K.330. III	044	Cherish The Memories
015	Mazurka	045	Chopsticks
016	Prelude In E Major	046	Four Little Swans
017	Piano Sonata In A Major, K.331. I	047	Progress
018	Waltz For Piano In G-Sharp Minor	048	Eclogue
019	Gavotte	049	The Limpid Stream
020	L'Arabesque	050	Brave Cavalier
021	Austria Variation	051	The Chatterbox
022	Schos Doll's Dance No. 7	052	Tarantella
023	To A Wild Rose	053	Frankness
024	Gavotte I	054	Tender Grieving
025	Waltz	055	The Farewell
026	Minuet In G Major (BWV Annex 116)	056	The Chase
027	Innocence	057	Habanera
028	Tchaikovsky Waltz	058	Prelude In C Major
029	Salut d'Amour	059	Fountain
030	Barcarolle	060	Fur Elise

Demo songs

No.	Name		No.	Name
001	Fantasia		002	Chpn_op25_no1

14 MIDI implementation table

Function		Sent	Received	Notes
Basic Channel	Default	1	ALL	
	Changed	1 – 16	1 – 16	
Mode	Default	No	Mode 3	
	Messages	No	Mode 3	
	Altered	***********	No	
Note Number		0 – 127	0 – 127	
	True voice	***********	0 – 127	
Velocity Note	Note ON	Yes, 9nH, v = 1 – 127	Yes, 9nH, v = 1 – 127	
	Note OFF	No, 9nH, v = 0	Yes, 9nH, v = 0 or 8nH, v = 0 – 127	
After Touch	Keys	No	No	
	Channels	No	No	
Pitch Bend		No	Yes	
Control Change	0	Yes	Yes	Bank Select
	1	No	Yes	Modulation
	5	No	Yes	Portamento Time
	6	Yes	Yes	Data Entry
	7	Yes	Yes	Volume
	10	No	Yes	Pan
	11	No	Yes	Expression
	64	Yes	Yes	Sustain Pedal
	65	No	Yes	Portamento ON/OFF
	66	Yes	Yes	Sostenuto Pedal
	67	Yes	Yes	Soft Pedal
	80	No	Yes	Reverb Program
	81	No	Yes	Chorus Program
	91	Yes	Yes	Reverb Level
	93	Yes	Yes	Chorus Level
	120	No	Yes	All Sound Off
	121	No	No	Reset All Controllers
	123	Yes	Yes	All Notes Off

Function		Sent	Received	Notes
Program Change	True #	Yes ***********	Yes 0 – 127	
System Exclusive		No	Yes	
System Common	Song Position Pointer	No	No	
	Song Select	No	No	
	Tune Request	No	No	
System Real Time	Clock	Yes	No	
	Commands	No *1	No *1	
Aux Messages	LOCAL ON/OFF	No	No	
	Active Sensing	Yes	Yes	
	System Reset	No	Yes	
Notes:	*1 When the accompaniment starts, an FAH message is transmitted. When the accompaniment stops, an FCH message is transmitted.			

MIDI channel modes

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

15 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.

DP-51 BP, DP-51 WHP

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