

**DP-S 307 UP E/P**

**Owner's Manual**

# **Digital Piano**



**th•mann**

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## Safety notes

Read all safety notes and all instructions. Failure to follow the notes and instructions may result in electric shock, fire or serious injury.

Save this manual for future reference.



### **DANGER**

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

Within the unit there are areas where high voltages may be present. To reduce the risk of electric shock do not remove any covers unless the AC mains power cord is removed. Covers should be removed by qualified service personnel only.

There are no user-serviceable parts inside.



### **DANGER**

#### **Electric shock caused by short circuit!**

Always use proper ready-made insulated mains cabling (power cord) with a protective contact plug. 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.

## Power supply

### **Notice**

#### **Malfunction or damage to equipment!**

Ensure that the input voltage (AC outlet) matches the voltage rating of the product. Failure to do so could result in damage to the product and possibly the user.

Unplug the unit before electrical storms occur and when unused for long periods of time.

## Operating conditions

Always install and use the device in accordance with these instructions.

### **Notice**

#### **Malfunction or damage to equipment!**

This device has been designed for indoor use only. Do not expose the device to any liquid or moisture. Do not install the unit near any direct heat source. Keep the unit away from naked flames.

Do not block areas of ventilation. Failure to do so could result in fire.

### **Notice**

#### **Malfunction or damage to equipment!**

To avoid breakage, do not apply excessive force to the switches or controls.



#### **CAUTION**

##### **Pinching hazard**

Be careful, the sliding key cover may pinch your fingers.  
Do not insert a finger or hand into any gaps on the sliding key cover or instrument.



#### **WARNING**

##### **Hearing damage**

Using the instrument or headphones for a long period of time at a high or uncomfortable volume level can cause permanent hearing loss.  
Use the piano and headphones at a moderate volume level.

### **Notice**

#### **Damage to equipment!**

When the top cover is closed, you can put any objects on it.

To avoid falling objects, be careful where you place monitors, a laptop, speakers or other devices on the piano.

# Main features

## **Better than acoustic pianos**

The Thomann DP-S 307 UP has a brilliant sound quality that is unmatched by some acoustic pianos. It features pure and true sound with each tone that remains unchanged for the lifetime of the instrument.

## **Rich acoustic sounds**

Eight popular, high-quality sounds are built into the Thomann DP-S 307 UP. Some of the sounds include a stereo grand piano and a jazz trio. You can utilize the layer function to simultaneously play two sounds.

## **Luxurious design**

High-gloss ebony paint provides an exquisite feel to match your specific taste. It will always stand out, no matter where you have it, because of its distinguished design.

## **No need for tuning**

Tuning is a difficult and expensive process. Tuning is not required when you have this piano in your hands. We can guarantee that the sound will remain unchanged, no matter how long you have this piano in your possession. Through advanced technological advances, we have made this possible for your convenience.

## **Keyboard and effects**

You can play the piano with graded hammered action keys and adapt various effects to the selected source.

## **Multi-purpose**

The Thomann DP-S 307 UP features wireless device connection as well as a USB audio interface for sound recording and VST (Virtual Studio Technology) plug-ins. This product also features clean true-sound speakers which are untainted by any filters, providing only the purest of sounds. What you play is what you hear; what you hear is what you get.

## **Perfect link with the computer**

You can connect the Thomann DP-S 307 UP with a computer via an USB cable. In addition, you can operate lots of software with Thomann DP-S 307 UP, such as multimedia players, recording software, lesson programs and so on.

## **Unlimited sound samples**

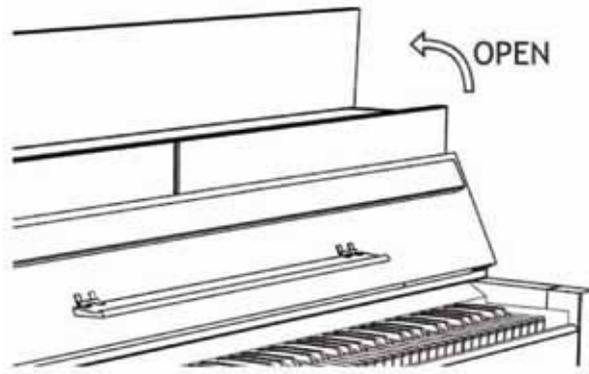
The Thomann DP-S 307 UP can be connected to a computer with a USB cable. That means, you can use any VSTs installed in your computer as the sound samples of the Thomann DP-S 307 UP.

## **Digital audio workstation**

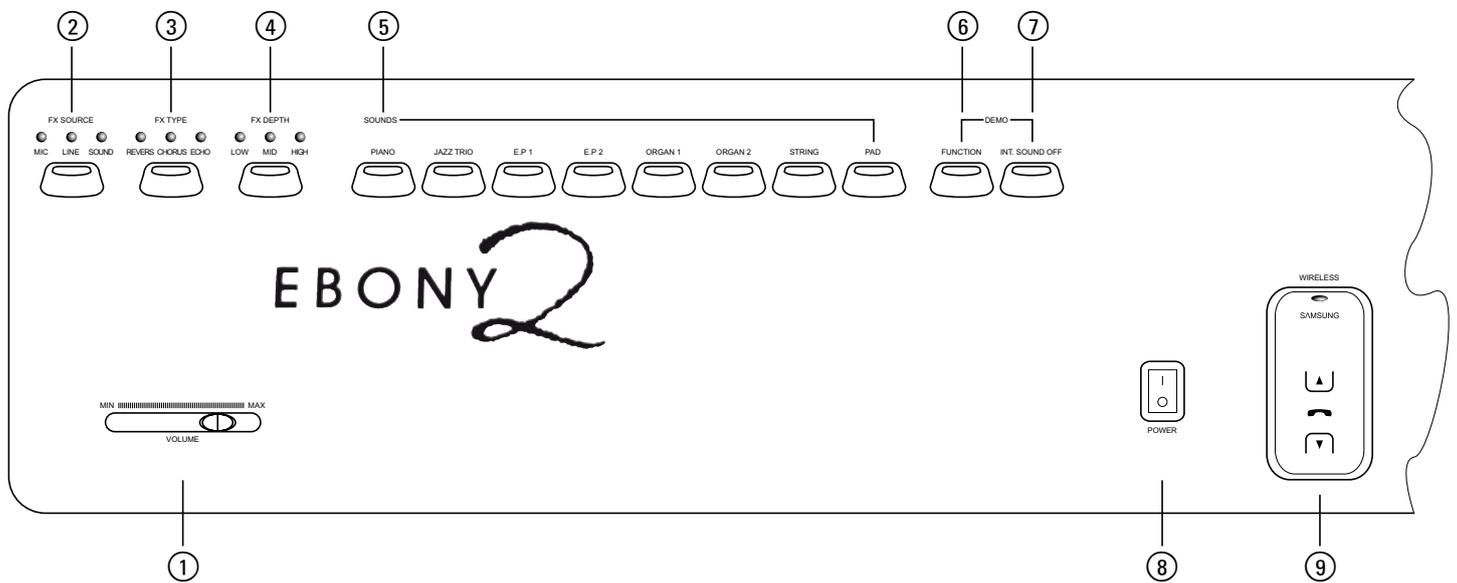
The Thomann DP-S 307 UP is equipped with a USB audio interface and is compatible with ASIO 2.0 and CoreAudio drivers. It can be used as a professional digital audio workstation.

# Control panel

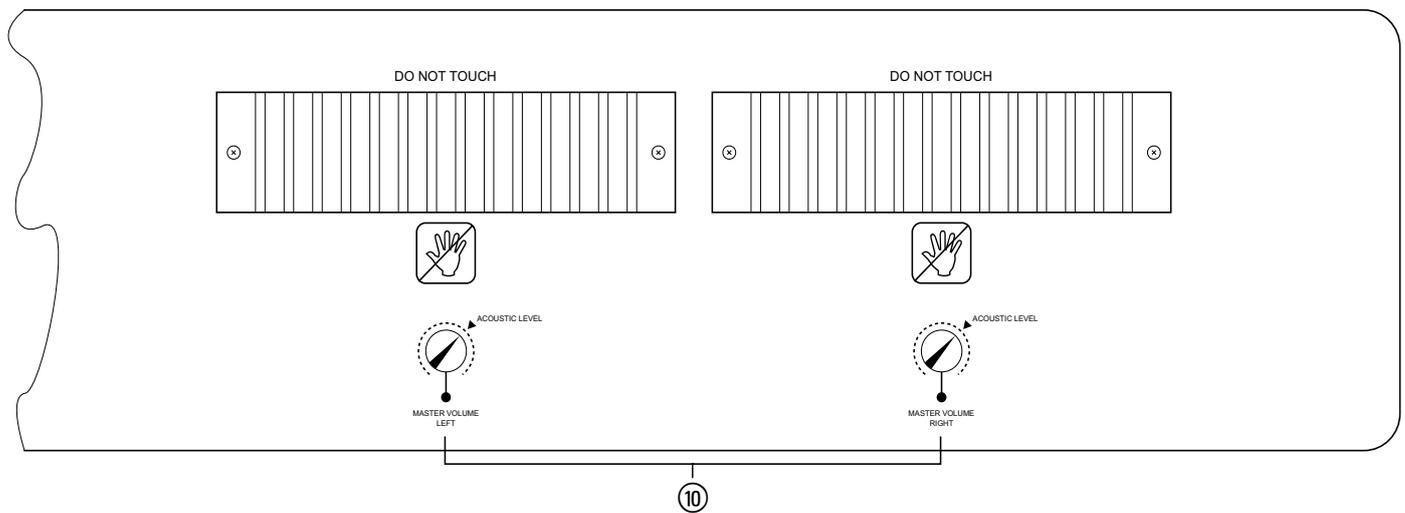
Please open the top cover of the Thomann DP-S 307 UP to access the control panel. It is located inside the cabinet. For reasons of better visibility, the left-hand and the right-hand side of the control panel are shown separately in the following two figures.



## Left-hand side of the control panel



## Right-hand side of the control panel

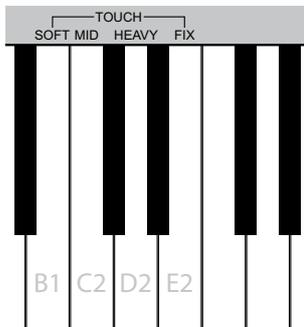


①	MASTER VOLUME slider	You can adjust the volume for the output, headphones and connectors.
②	FX SOURCE	This option allows you to select the source to which the effects are sent. Choices include MIC input, LINE input and SOUND input. SOUND is preselected when you turn on the Thomann DP-S 307 UP.
③	FX TYPE	This allows you to select between the different internal effects on the Thomann DP-S 307 UP. Available effects include REVERB, CHORUS, and ECHO. REVERB is preselected when you turn on the Thomann DP-S 307 UP.
④	FX DEPTH	This allows you to control the amount of the effect that is mixed in with the Thomann DP-S 307 UP. Choices include HIGH, MID, and LOW. LOW is preselected when you turn on the Thomann DP-S 307 UP.
⑤	SOUNDS	Press a button to select a sound (Single Mode). Holding down a sound button while pressing another sound button allows you to mix two sounds together. The volume of the first sound is 30% louder than the second sound (Layer Mode).
⑥	DEMO FUNCTION	When the two DEMO buttons (FUNCTION + INT. SOUND OFF) are pressed simultaneously, the SOUND buttons (Piano, Jazz Trio, E.P1, E.P2, Organ1, Organ2, String, Pad) start flashing. When a flashing button is pressed, the appropriate sound demo is replayed. When a selected demo song is over, the next song will be replayed automatically. To stop replaying the demo songs, press the FUNCTION or INT. SOUND OFF button. Pressing the FUNCTION button and holding it down while the appropriate key on the keyboard is pressed, activates the corresponding function. For details see Functions.
⑦	DEMO INT. SOUND OFF	This switches off the internal sound completely (even the headphone operation is switched off).
⑧	Power switch	Once the power cord is connected on the rear panel, you can turn the power switch on.
⑨	Wireless audio module	You can connect a wireless audio device to play your music with the Thomann DP-S 307 UP.
⑩	Sensitivity	This allows setting the proper speaker output level of the Thomann DP-S 307 UP. Each sensitivity knob controls the left and right speaker level individually.

## Functions

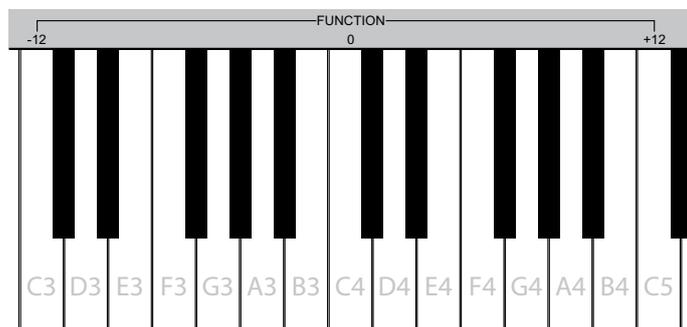
### Touch sensitivity

This function allows to set the touch sensitivity. While holding down the FUNCTION button on the control panel, select one of the touch sensitivity keys SOFT, MID, HEAVY, or FIX (SOFT: B1, MID: C2, HEAVY: D2, FIX: E2) on the keyboard. The touch sensitivity default setting is MID.



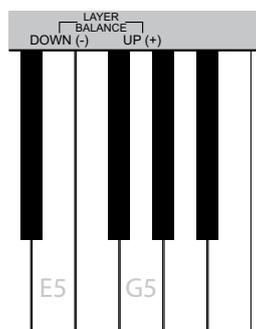
## Transpose

This function allows to shift the pitch of the entire keyboard up or down in semitone intervals up to a maximum of twelve semitones. While holding down the FUNCTION button on the control panel, select one of the transposition keys between C3 and C5 on the keyboard. If you want to go back to the original pitch, press the FUNCTION button and the C4 key. For example, if you select G4, playing key C4 produces pitch G4. This way, you can play a song as if it was in C major, but the DP-S307 UP will transpose it to the key of G.



## Layer mode

When you play two instruments in layer mode, you can adjust the volume level of the second instrument with this function. While holding down the FUNCTION button on the control panel, press the DOWN [-] or UP [+] key on the keyboard until the volume is set to the level you desire. If you want to decrease the level of the second instrument, press the FUNCTION button on the control panel and the E5 key on the keyboard.

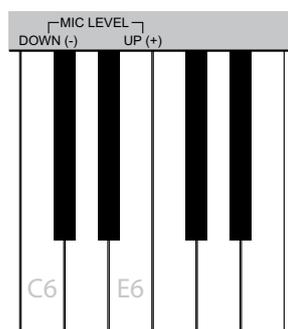


## Microphone level

You can control the microphone input level with this function. While holding down the FUNCTION button on the control panel, press the corresponding key on the keyboard to adjust the volume.

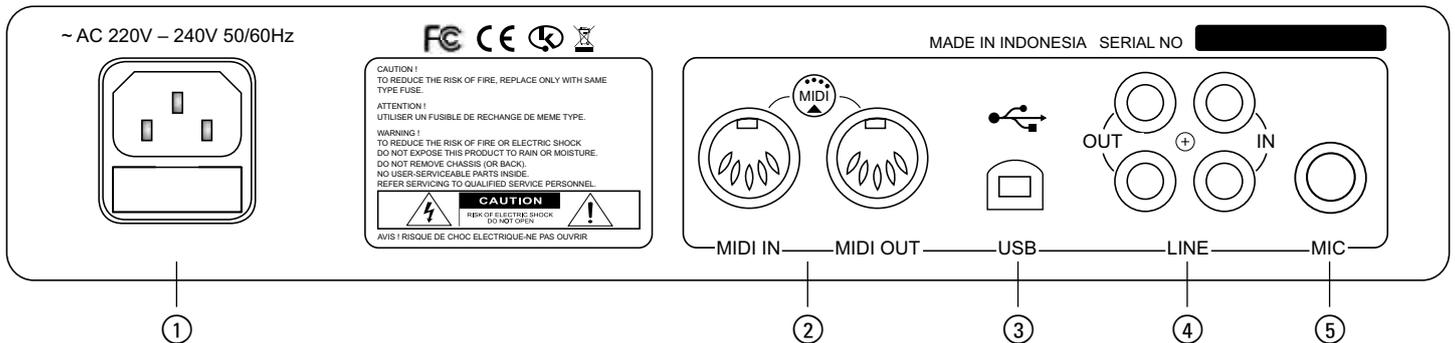
C6 on the keyboard decreases the microphone input level, and E6 increases the microphone input level.

You need to use a high-impedance microphone with the DP-S307 UP.



## Rear panel

The rear panel of the Thomann DP-S 307 UP provides the connectors shown in the following figure.



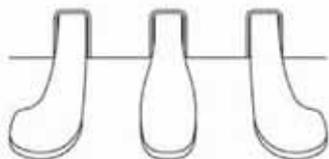
①	AC cord connector	AC cord, supplying AC power 220 – 240 V, 50/60 Hz
②	MIDI IN/OUT connectors	Connectors that are used to connect other MIDI devices such as a sequencer, keyboards, etc. MIDI OUT: MIDI data output (to be connected to the MIDI IN connector of another MIDI device). MIDI IN: Data input (to be connected to the MIDI OUT connector of another MIDI device).
③	USB connector	You can connect the provided USB cable to the Thomann DP-S 307 UP for using it with the computer.
④	LINE IN/OUT connectors	These jacks can be connected to external audio devices with RCA cables. LINE IN: You can connect an MP3 player, a CD player, a radio or any audio player to LINE IN. Then you can listen to the external audio player's playback through the Thomann DP-S 307 UP's speakers. LINE OUT: If you would like listen to the sound from the Thomann DP-S 307 UP through other audio devices such as a Hi-fi audio deck, powered speakers, etc., you can connect the Thomann DP-S 307 UP's LINE OUT to external audio devices with RCA cables.
⑤	MIC input	You can connect a dynamic microphone to this input with a TRS cable. Then, you can listen and record your voice through the Thomann DP-S 307 UP.
⑥	Headphone output	The two headphone output connectors are located on the left side under the keyboard.

## The pedals

The 3 pedals are the Soft, Sostenuto and Sustain pedals. They work in the same manner as if you were playing an acoustic piano.

### Soft pedal

The notes played while this pedal is down will sound softer.



### Sostenuto pedal

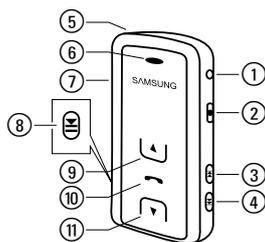
Pressing this pedal sustains only those notes which are depressed at the same time that the pedal is depressed, while future notes played will be unaffected

### Sustain pedal

Pressing this pedal causes notes to sustain even when you lift your fingers from the keys.

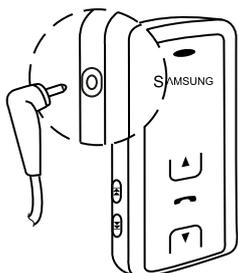
# Wireless audio setup

## Overview of the Bluetooth wireless audio module



①	Earphone jack	⑦	Adaptor jack
②	Power switch	⑧	Play/Pause/Stop button
③	Fast-Forward button	⑨	Volume up button
④	Rewind button	⑩	Talk button
⑤	Microphone	⑪	Volume down button
⑥	Indicator light		

## Charging the wireless audio module



This wireless audio module has a rechargeable internal battery that is not removable. Ensure that you fully charge the battery before using the wireless audio module for the first time. Put the adapter into the adapter jack and into a power outlet. The indicator light turns on red.

## Pairing with your wireless device

- Enter pairing mode.
  - Slide the power switch while pressing [⏻] and holding [📞] to turn the wireless audio module on. The indicator light turns on blue and stays lit after flashing blue, red and purple twice.
  - If you turn the wireless audio module on for the first time, it proceeds to pairing mode immediately.
- Search for and connect with the other Bluetooth device according to your Bluetooth device user's guide. (Bluetooth PIN: 0000, 4 zeros)

### Note

When the wireless audio module and the other Bluetooth device are paired, press [📞] to reconnect via the previously connected Headset Profile or Hands-Free Profile, or press [▶||] to reconnect via the Advanced Audio Distribution Profile.

## Using music control functions

- Press [▶||] to listen to music / pause and resume playback.
- Press and hold [▶||] to stop playback.
- Press [⏮] to skip backward or [⏭] to skip forward.
- Press and hold [⏮] to scan backward or [⏭] to scan forward in a file.
- Press [▲] or [▼] to adjust the volume.

## Specifications

- Supported profiles: Hands-free headset, advanced audio distribution, audio/video remote control
- Operating range: Up to 10 meters (30 feet)

# Connection to external devices

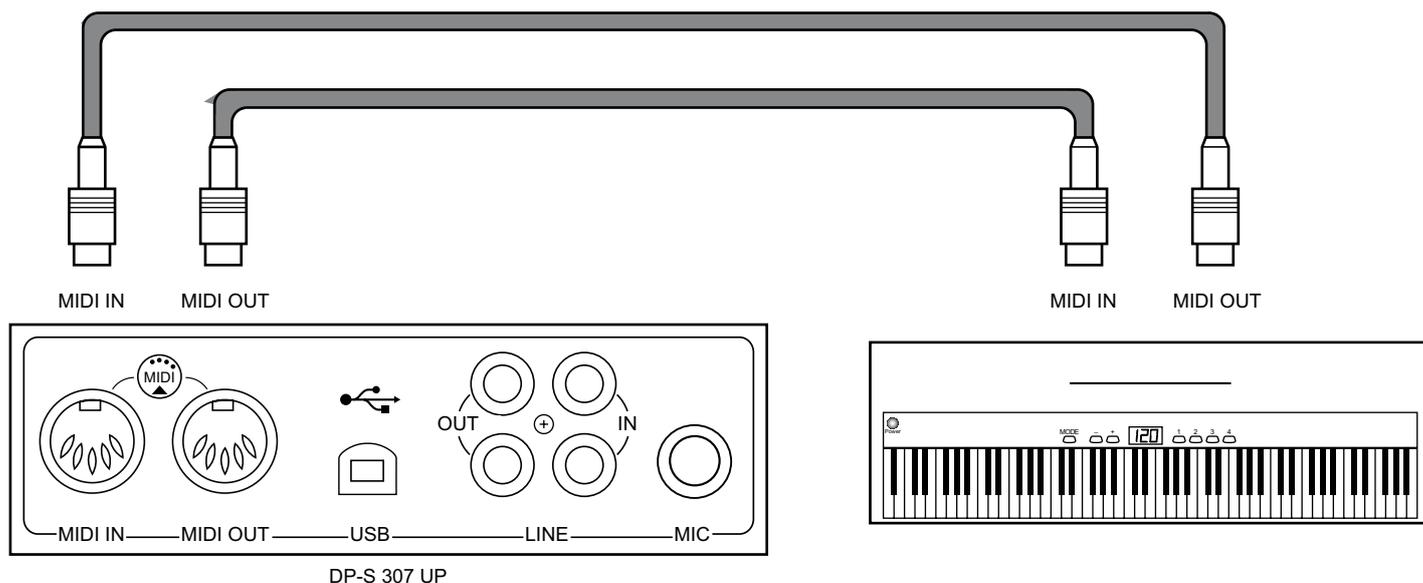
## The connection to external MIDI devices

### What is MIDI?

MIDI is the abbreviation of Musical Instrument Digital Interface. It is an international standard that was created to connect and transfer data between electronic musical instruments, computers and other devices.

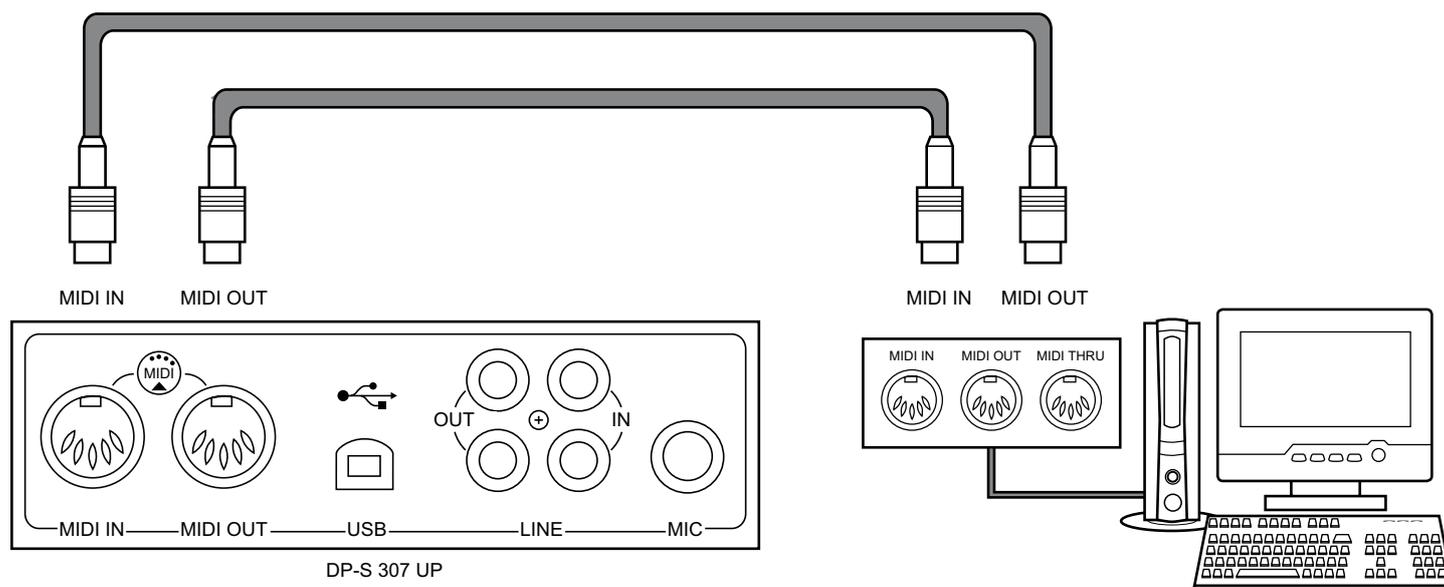
### What can you do with MIDI?

You can use the Thomann DP-S 307 UP to control other instruments, and you can use other instruments to control the Thomann DP-S 307 UP. Also, you can use a sequencer to create complex musical pieces. When you use the Thomann DP-S 307 UP, the MIDI signal is transmitted to another instrument, or recorded by a sequencer.



### Connections

Connect the MIDI OUT connector of the transmitting (master) device to the MIDI IN connector of the receiving (slave) device. To connect the Thomann DP-S 307 UP to a computer, you need a MIDI interface for the computer, sequencing or musical notation software, and two standard MIDI cables.

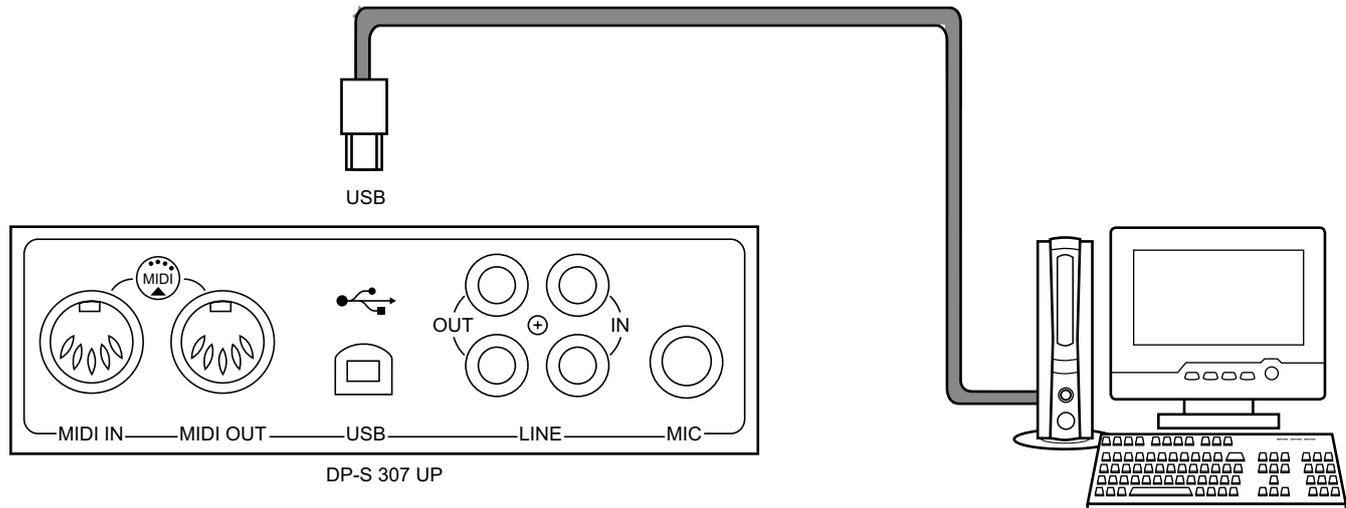


## Connection to a computer

The Thomann DP-S 307 UP includes both an onboard MIDI interface as well as an audio interface. So you can use the Thomann DP-S 307 UP by simply connecting it without a special interface. After connecting, you can use the function of the audio and MIDI interface.

### Connections

It is very easy to connect the Thomann DP-S 307 UP with your computer. Find the USB port on the rear of the Thomann DP-S 307 UP. Connect the provided USB cable (plug type series B) to the Thomann DP-S 307 UP and find the USB port on the computer. Next, plug the Thomann DP-S 307 UP's USB cable (plug type series A) into the USB port of the computer.



### Driver software installation

Please visit [www.asio4all.com](http://www.asio4all.com) and download the latest ASIO universal driver. Once the driver download has been completed, double-click the driver install file. Then click "Next" and follow the instructions on the screen.

With this installation, the DP-S 307 UP becomes ASIO- and MIDI-compliant.



## How to adjust audio settings

### Windows

You can set up sound and audio default devices on the system control panel. Depending on your specific audio configuration and software installed on your computer, this may vary. For details please refer to the Windows operating instructions.

After the set up, you can play the Thomann DP-S 307 UP while listening to any audio file via Windows Media Player, for example. This allows you to easily practice along with your favourite songs on the Thomann DP-S 307 UP.

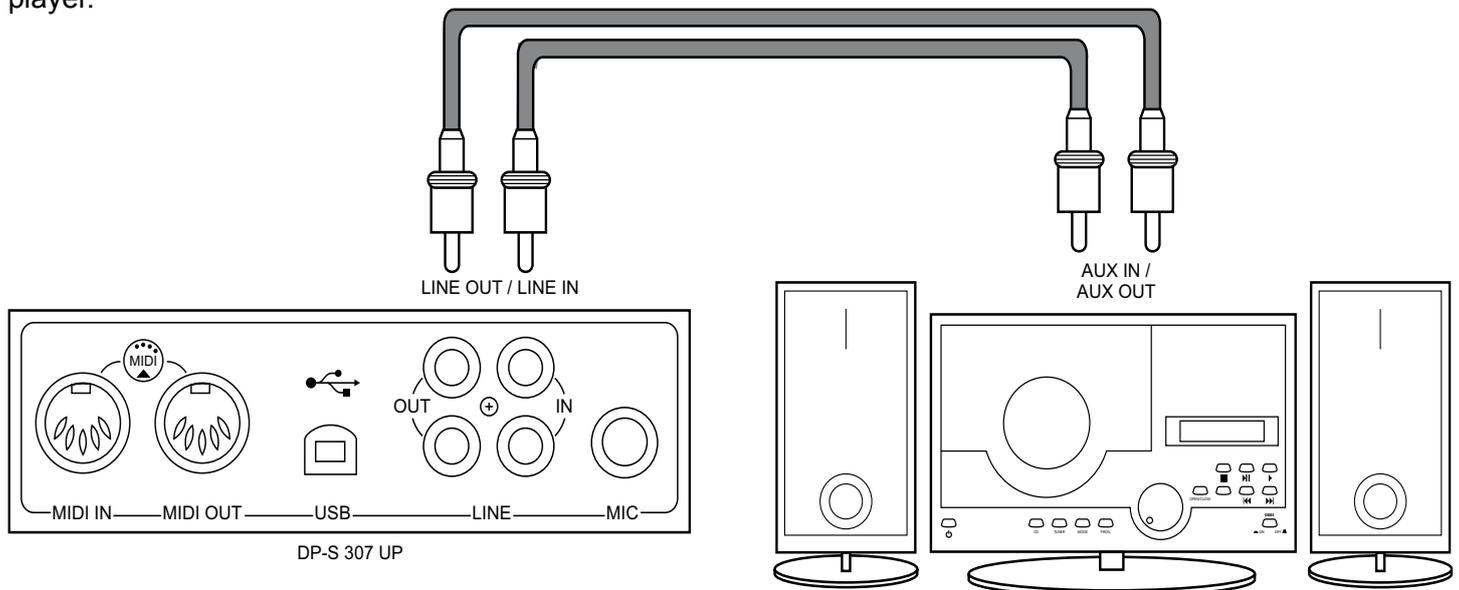
### Mac OS

The installation is very simple. After connecting the Thomann DP-S 307 UP, your Macintosh computer will automatically detect the Thomann DP-S 307 UP. After the Thomann DP-S 307 UP is detected, configure it according to your needs. "Audio MIDI setup" can be found in Applications\Utilities folder. The Thomann DP-S 307 UP is fully compatible with the Mac OS X's Core Audio drivers.

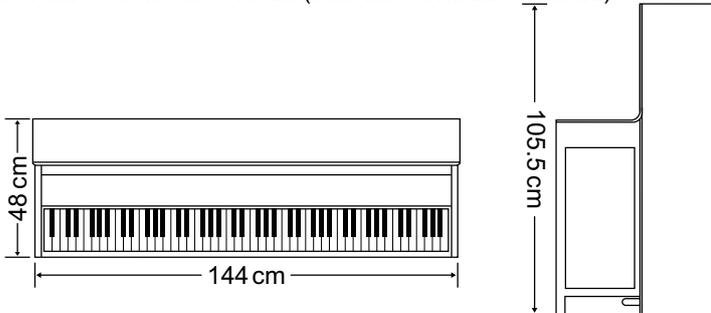
### Connection to external audio equipment

You can connect the Thomann DP-S 307 UP's LINE outputs to external audio equipment such as power amplifiers, powered studio monitors, recorders, or Hi-Fi audio systems. After connecting the Thomann DP-S 307 UP, you can listen to your Thomann DP-S 307 UP via external audio equipment.

You can also record the sound from the Thomann DP-S 307 UP by using an external audio recorder. You can connect an audio player to the Thomann DP-S 307 UP to listen to music through speakers of the Thomann DP-S 307 UP. Additionally, you can record the Thomann DP-S 307 UP's sounds from the computer's audio player.



# Technical specifications

Cabinet	High-gloss ebony paint Spruce sound board and ribs Damping-system safety shutter
Keyboard	88 piano Fatar hammer action keys Sensitive velocity response
Polyphony	64-note polyphony with effects
Tone-generating technology	Stereo PCM sampling
Speakers	Embedded Infrasonic Blow5 Studio Active Monitor technology 180 W (80 W HF and 100 W LF) Full discrete power amplifiers with servo-loop and perfect protections 2-way bass-reflex bi-amplified 5 inch near field Flat frequency response ( $\pm 1.5$ dB, 58 Hz to 20 kHz) and wide pass-band frequency (50 Hz to 22 kHz) $\frac{3}{4}$ -inch natural-silk dome high-frequency transducer $5\frac{1}{4}$ -inch polymer-coated paper-fiber cone low-frequency transducer
Sound programs	8 realistic instrument voices (Piano, Jazz Trio, E.P1, E.P2, Organ1, Organ2, Strings, Pad)
Effects	FX source: MIC, LINE, SOUND FX type: REVERB, CHORUS, ECHO FX depth: LOW, MID, HIGH
Functions	Key transpose: $\pm 12$ semitones Touch control: 4 velocity curves (Soft, Mid, Heavy, Fix) Layer: Yes, Local Mode
Pedals	Sustain, soft, sostenuto
Controls	Master volume
Inputs/outputs	Wireless Audio interface Headphones: 2 stereo standard $\frac{1}{4}$ -inch phone jacks MIDI: Standard IN/OUT jacks LINE IN/OUT: stereo RCA jacks USB port: Type B
Audio interface	Built-in USB audio interface with ASIO driver for Windows® XP/VISTA/7 (32-bit and 64-bit) or later and Mac OS X (10.3 or later)
Dimensions (W × H × D)	144 cm × 105.5 cm × 48 cm (56.7 in. × 41.5 in. × 18.9 in.) 
Weight	115 kg (254 lbs)

# 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 and are not in the reach of babies and young children. Choking hazard! Do not just dispose these materials with your normal household waste, but make sure that they are fed to a recovery. Please follow the notes and markings on the packaging.

## Disposal of your old device



Electrical and electronic equipment often contain materials which can be unhealthy and environmentally harmful, if not properly treated and disposed of. However, they are essential for the proper operation of your device. At the end of its operating lifetime, do not dispose the device with your normal household waste. This device is subject to the European directive 2002/96/EC. Dispose this device through an approved waste disposal firm or through your local waste facility. When discarding the unit, comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.

