



quick operation instruction

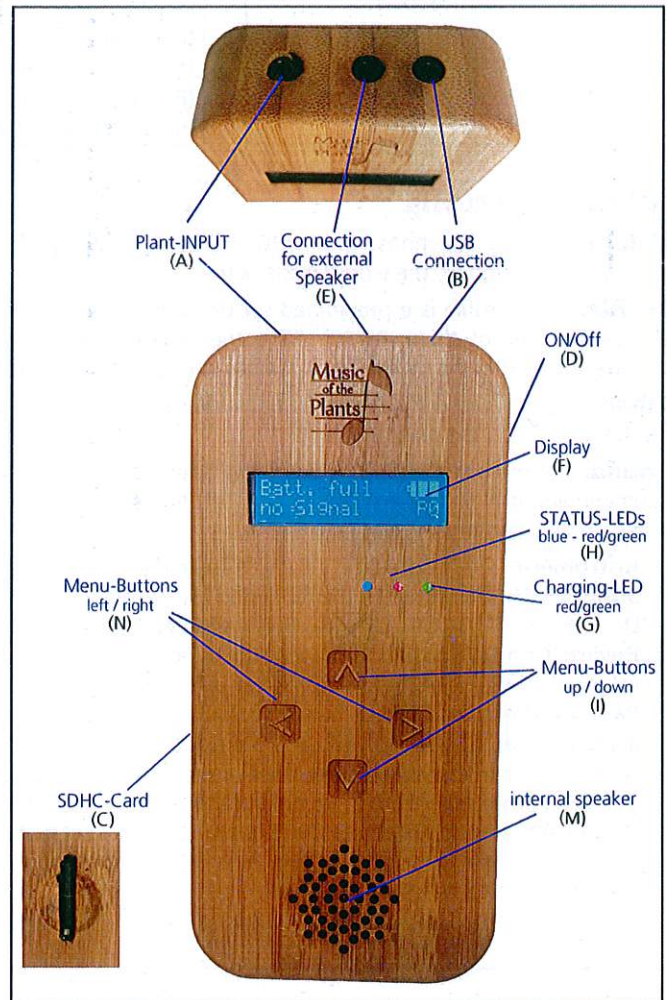
- A Plant-Input** - 3.5mm stereo jack socket for the cable, which connects the electrodes to the plant:
Green tip - to be clipped onto a leaf
Spiral sensor - to be inserted in the soil
- B USB-connection** - This connection has three functions.
 - 1) Recharging of the internal battery - For this connect the USB-charging adapter (all versions).
 - 2) Using the Midi-Output - For this connect the MIDI-USB-cable. (only for Ad and Re version)
 - 3) For an external control with a Computer (control/ record data) Use an USB 2 Standard-A --- USB 2 Mirco B-cable and connect the device with an PC. For this communication you need a special program on the PC (only Re version?).
- C SDHC-Card** In Re Version it is possible to record the plant music to a SDHC-Card. For this, the SDHC-Card enter here.
- D On/Off** - Power switch.
- E Audio Out** – Connection for external speakers. When the external speakers are connected, the internal speaker is off.
- F Display** - to display the menu and status informations.
- G Charging-LED** - red: charging in progress.
- H Status-LEDs** - shows the actual status of the device.
 - red looking for a working point
 - green play music
 - blue/red no signal (no plant input cable or the resistance of the plant is too great or too small)
- I/N Menu-buttons** - On the device there are four buttons for the setting of various parameters. Normal use:
 - UP** scroll UP -> next menupoint
 - Down** scroll DOWN -> previous menupoint
 - LEFT** horizontal scroll - select left or smaller value
 - RIGHT** horizontal scroll - select right or higher value
 When you touch the buttons directly after the start, until the Start-Logo is off, the buttons have a special function. Special use:
 - UP** enter in the *update* process. (You need a license)
 - Down** enter to change the *Charging Mode*.
 - LEFT** enter to change the *Language*.
 - RIGHT** enter to show the *version* and *serial number*.
- M One small internal speaker** - if are not connected external speakers, the internal speaker plays.

software versions and updates

The Bamboo-Device is working with three versions of software, for different typs of use. You can update the software, when you would like a higher version. The difference between the versions are more functions.

- **Basis -Version (Ba)**
- **Advanced - Version (Ad)**
- **Researcher - Version (Re)**

The different version are connected to more menupoints. The description of the menu is the full menu, that means for esample, that a user of the Basis version not will see all the menupoints in his device. With the updates to the Advanced or Researcher Version, the user find more menupoints.



battery mode or use of an power supply

You can use the device in 'battery mode' without a external power source. In this case the time of use is limited. Only switch on the Power (D) and the device starts, if the internal rechargeable battery is charged.

You can use the device also with a external power source. Connect the supplied USB-charging Adapter to the device (USB) and a suitable source or use only the USB-cable and connect it to a PC or an external powerbank.

connection to the plant/tree

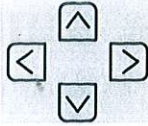
Connect the electrodes to the plant as follows:

- Connect the black clip to a metal nail (one is provided) and insert it in the soil (pot or ground) near the roots of the plant or at the base of the tree.
- Moisten the surface of a leaf and connect the green electrode to it.
- Once the two electrodes are connected as above, insire the plug into the Plant INPUT (A) of the device.

software - menu

STATUS INFORMATION

- Volume (all versions)
- Profile (all versions)
- Filter (all versions)
- Sound (Ad/Re version)
 - 2 Instrument
 - 2 Scale
 - 2 Reverb
 - 2 Chorus
 - 2 Spatial
 - 2 Pan
 - 2 Note wait
 - 2 Chord
 - 2 Base Frequency
 - 2 Profile save
 - 2 Normal setting
 - 2 Output-Mode
 - 2 back to 1
- SD-Card (only Re versions)
 - 5 Record-Setting
 - 5 Recording
 - 5 Records
 - 5 Play-Record
 - 5 Records -> PC
 - 5 Formatting
 - 5 SD-Status
 - 5 back to 1



navigate in the menu

On the device are four buttons (Up/Down Left/Right) for the setting of various parameters and a display with two lines of information. After starting the device you see the status information on the display.

On the right side in the first line you can see the battery status. The active profile is displayed under it. On the left side of line two you can read the operating condition. (no signal, looking WP, play music ...)

If you would like to enter in the Main Menu you use the up or down buttons. In the first line of the display you see the name of the parameter and in the second line the actual value.

With the UP and DOWN buttons you scroll through the menu including the status display. After about 20s without using the buttons the display returns to the status information. With the LEFT and RIGHT buttons you select a choice or change the actual value to a lower or higher level. You can also scroll through the values, to see, what values are available.

In 'battery mode', without using the buttons the background-light of the display switch off, after about 30s to save power. When you touch again the buttons the background-light automatically turn on.

STATUS INFORMATION



special menu-functions

When you touch the buttons during the start of the device, until the Start-Logo is off, the for buttons (Up/ Down/ Left/ Right) has a special menu function.

(Left) Language: >> Choose one of the following languages: English, German, Italian, Spanish.
(Down) Charging Mode: >> Choose one of the options.

(UP) Update: >> Look in the user guide for detail informations.

(RIGHT) Version: >> Show the version of the device, and the serial number.

Auto: charging starts automatically when a limit is reached

Manual: the device charges in any case independent of a limit

Off: No charging process

menu-functions

Volume: >> You can choose a value (0..15) for the volume of the internal or, if plugged, the external speaker.

Profile: >> A profile is a predefined set of sound parameter. You can choose one of them [P1-P8]. P0 is the working profile if you change anything in the sound-menu, before you save this to a profile.

Filter: >> (with/ without) - Switch to activate/deactivate a optional hardware filter on the plant input.

Sound: >> Enter in the Submenu of the Sound settings. In this submenu you can find all available sound settings, like instruments, scales, effects and more.

Instrument: >> Choose an instrument from the list (1...128).

Scale: >> Choose a scale in the following list: 12-Tone, C-Major, D-, E-, F-, G-, A-, B-, C#, D#, F#, G#, A#-Major or Pentatonic

Reverb/ Chorus/ Spatial: >> Choose the effect intensity between values of 0..15.

Pan: >> Choose the balance between the left and right speaker if you plugged a stereo device on the output.

Note wait: >> You can choose the duration from one note to the next played note. Zero (minimal duration) define 3 notes per second. A higher value define a lower number of notes per second.

Chord: >> Here you can choose, how the notes should be played: 1 note / 3 note / triad.

Base Frequency: >> Here you can choose 440 Hz or 432 Hz as the base frequency.

Profile save: >> This function save the working profile P0 to the before last used profile (P1-P8). If you like to change a profile do it in the following way:

1. Choose a profile you want to change -> (P1-P8).
2. Go to the menu SOUND and change the parameters as you want. The device cache the settings in the profile P0.
3. If you are ready, you can here save the profile (P0 >> [P1-P8]).

Normal setting: >> Here you can return to the factory sound settings of the profiles [P1-P8]. You lose all your changes.

Output-Mode: >> Choose an output way - Speaker or MIDI.

SDHC-Card: >> Enter in the Submenu of the SDHC-card settings. In this submenu you find all available functions to work with the card. It is possible to save up to 99 records and you can hear the saved records. You can format (delete) your SDHC-Card and transfer all records to an PC (with an external PC-program).

Record-Setting: >> Here you can predefine the recording duration. Values are 1min - 3min - 5min - 10min -15min or free.

Recording: >> Here you start the record. For predefined durations the record stops automatically. For the free - non predefined duration you can stop the record here.

Records: >> Here you see a list of all you saved records. You can predefine one of them to play.

Play-Record: >> Start to play the before predefined record or stop it.

Formatting: >> Format the SDHC-Card. Attention all saved records are deleted.

SD-Status: >> Here you see a status-information of the Card.

thanks

We thank you for your purchase of the Music of the Plants Bamboo device! We are excited that you are now part of our growing community dedicated to exploring the intelligence of the plant world. You now have the possibility to expand your awareness by discovering a unique and deep connection to the

natural world around you. We invite you to share your experiences with others and the Music of the Plants social networks.

Additional information can be found in the Music of the Plants manual on our website:

www.musicoftheplants.com



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