partybag

USER MANUAL

TECHNICAL SPECIFICATIONS

ACOUSTIC:

Frequency response (-3dB):	70 Hz - 20000 Hz
Maximum sound pressure level:	121 dB_{SPL} (peak), 115 dB_{SPL} (C- weighted)
Tweeter:	1” compression driver
Woofer:	8” by FaitalPRO®
Amplifier:	Class D 2x100 W RMS, DSP controlled
Enclosure:	Multilayer wood, with bass reflex

INPUT/OUTPUT:

Analog inputs:	- 2 x MIC/LINE: COMBO XLR/Jack 6.3 mm (balanced) with gain Hi-Z Switch on channel 1 48V Phantom Switch on channel 2 - 1 x AUX: Mini-Jack 3.5 mm stereo
Digital inputs:	MP3/USB Player *Bluetooth*® 4.2 receiver
Analog output:	LINE OUT: Jack 6.3 mm (unbalanced)

	Input/output impedance	Sensitivity	Maximum input/output voltage
MIC/LINE	Hi-Z = OFF: 10 kΩ Hi-Z = ON: 1 MΩ	GAIN = MIN: 300 mV (-8 dBu) GAIN = MAX: 8 mV (-40 dBu)	GAIN = MIN: 2,45 V (10 dBu) GAIN = MAX: 60 mV (-22 dBu)
AUX	10 kΩ	300 mV (-8 dBu)	2,45 V (10 dBu)
LINE OUT	100 Ω	-	2,45 V (10 dBu)

ELECTRICAL:

USB charging port:	5 V ⎓ 500 mA
Battery:	Li-Ion 25.9 V, 3800 mAh, 98.42 Wh
Battery range at full volume:	8 hours
Battery range at low volume:	60 hours
Battery charger:	Input 100 - 240 V ~ 50/60 Hz 1 A, Output 29.4 V ⎓ 2 A
Battery charging time:	2.5 hours (from 0% to 90%)

MECHANICAL:

Height:	48 cm / 18.9 in
Width:	31 cm / 12.2 in
Depth:	25 cm / 9.8 in
Net weight:	6.3 Kg / 13.9 lbs.
Backpack internal capacity:	7 litres (divided into 3 pockets)
Backpack fabric:	CORDURA®

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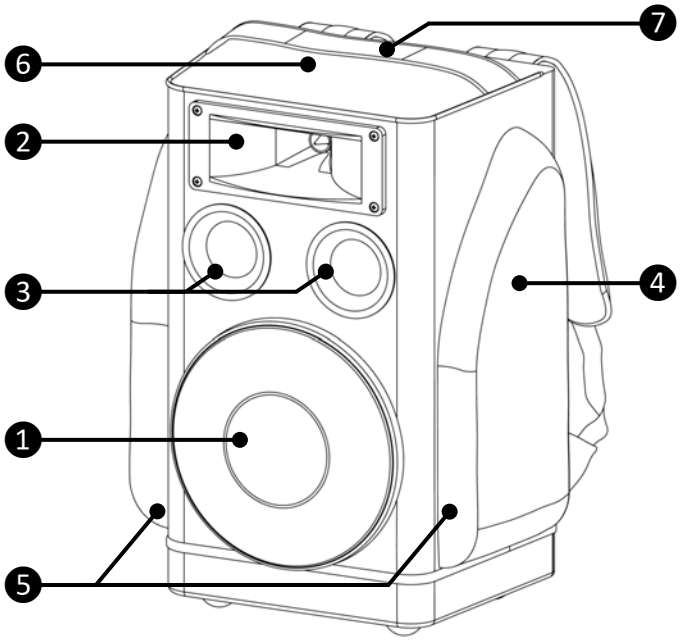
Registered Office: Via San Rigo, 23 - 42123 Reggio nell'Emilia, Italy | VAT number: IT02597380357 | REA: RE-296410
Share capital € 22,000 fully paid | Tel: (+39) 366 422 7751 | email: info@partybag.it | Website: www.partybag.it

GENERAL INFORMATION

Partybag 8 is a portable audio speaker, powered by a rechargeable battery and driver by a DSP-controlled class D amplifier, integrated in an easy to carry backpack.

Each Partybag 8 includes: a woofer protected by a metal grid (1), a compression driver (2), two bass reflex ports (3), an input/output and control panel (4), two side pockets (5), a top pocket (6) and a carrying handle (7).



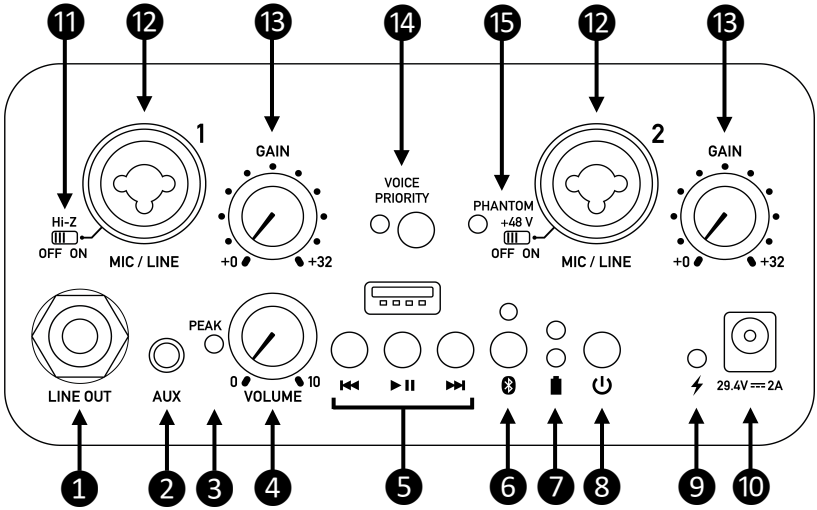
Partybag 8 is equipped with the following accessories:

- 3.5mm Mini-Jack audio cable
- Protective cover
- 29.4V battery charger
- User manual
- Warranty certificate and safety information

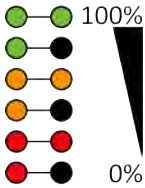
Partybag 8 can be connected to microphones, preamplified and non-preamplified musical instruments, and in general any type of source that provides an audio signal, such as mixers, PCs with audio interfaces, MP3 players, smartphones, tablets, etc.
Partybag 8 features a *Bluetooth®* audio receiver and can play MP3 files from USB memory devices.

Multiple Partybag units can be connected together to form a more powerful audio system.

CONTROL PANEL AND INPUT/OUTPUTT



1. **[LINE OUT] Jack 6.3 mm mono output:** pre-amplified and mixed audio output for connecting additional Partybag or other audio systems.
2. **[AUX] Mini-Jack 3,5 mm stereo input:** input for generic audio devices equipped with a line output.
3. **[PEAK] LED:** indicates the activation of Partybag's digital limiter, which protects the device from excessive distortion and possible damage. The limiter can activate if the input signal level is too high or if the master volume is too high. If the LED remains on for an extended period, it is recommended to reduce the volume of the input audio source and/or the master volume to preserve optimal audio quality.
   If the LED remains on even after reducing the overall volume, it means that the volume of the audio source is too high and needs to be lowered.
4. **[VOLUME] Knob:** adjusts the master volume of Partybag.
5. **USB port:** allows you to connect USB memory devices and play MP3 files from them. This port can also charge or power external USB devices (e.g., smartphones, USB mixers, etc.).
   [Back/Play-Pause/Forward] Buttons: allows you to go back one track/play-pause/go forward one track while playing files from the USB memory device or *Bluetooth®*.
6. **[*Bluetooth®*] Button:** with a long press (2 s) turns on/off the *Bluetooth®* receiver. With a single short press (with *Bluetooth®* on), it activates the receiver pairing mode for 60 seconds. The corresponding LED indicator shows its status: LED on = *Bluetooth®* on and connected, LED off = *Bluetooth®* off, LED flashing = *Bluetooth®* in pairing mode.
7. **[Battery] LEDs:** indicates that Partybag is switched on and, depending on the color combination, shows the battery charge level (see the image beside). A single flashing red LED indicates that the battery is low and Partybag is about to turn off.



8. **[Power] Button:** with a long press (2 s) turns on/off Partybag.
9. **[Charging] LED:** indicates Partybag's charging status. LED off = charger not connected, orange = charging in progress, flashing green = charging in completion, solid green = fully charged, red = incorrect charger voltage.
10. **[29.4V ⎓ 2A] Charging socket:** allows connection of the supplied charger to recharge the Partybag battery.
11. **[Hi-Z] Switch:** allows you to activate/deactivate the high impedance mode of input [MIC/LINE] n.1. Activate this mode when directly connecting instruments that require a high impedance input (e.g., instruments with passive pickups).
12. **[MIC/LINE] COMBO XLR/Jack 6.3mm balanced mono input:** allows you to connect a microphone, musical instrument, or any audio source.
13. **[GAIN] knob:** adjusts the preamplification level (gain) of the respective [MIC/LINE] input signal.

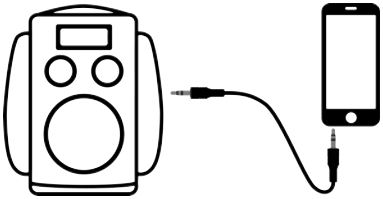
14. **[VOICE PRIORITY] button:** activates the automatic volume reduction function of audio signals present on [AUX], *Bluetooth®*, and USB when the signal level on the [MIC/LINE] inputs exceeds a certain threshold. The corresponding LED turning on confirms its activation. This function can be useful, for example, in "voice-over" applications, where you want to automatically reduce the volume of music in order to hear the announcer's voice more clearly.
15. **[48V Phantom] Switch:** allows you to activate/deactivate the 48V Phantom power supply on [MIC/LINE] input n.2. The corresponding LED turning on confirms its activation. The Phantom power is only present on the XLR input and not on the Jack 6.3mm input. Only activate this function when connecting to the XLR input a device that requires Phantom power (e.g., condenser microphones). Using Phantom power with incompatible devices can cause permanent damage to the connected equipment.

AUDIO SOURCES CONNECTION

SINGLE PARTYBAG

Multiple devices can be connected to Partybag simultaneously using different inputs.
It is recommended to use the cable provided with Partybag or other sturdy and reliable audio cables to avoid possible connection issues.

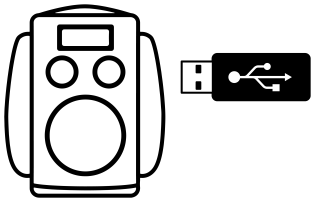
1. Generic audio source with line output (MP3 players, PCs, smartphones, DJ consoles, etc.)



- Connect the audio source to the [AUX] input of Partybag using the supplied Mini-Jack 3.5 mm cable or another suitable cable.
- Turn on Partybag.
- Start playback from the audio source being used.

NOTE: *it is recommended to set a sufficiently high volume on the audio source being used before adjusting the master volume of Partybag, while avoiding the [PEAK] LED to lights up.*

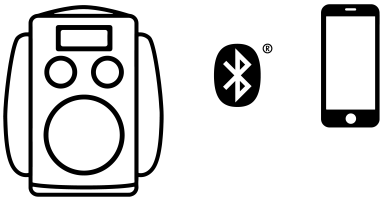
2. USB storage device (USB flash drive)



- Turn on Partybag.
- Connect the USB storage device to the USB port of Partybag.
- Playback will start automatically from the first track or from the track where the playback was previously interrupted.
- Use the [Play-Pause], [Forward] and [Back] buttons to control the playback of MP3 files.

NOTE: *Partybag can only play MP3 files from the USB device; files in other formats will be ignored. The USB storage device must be formatted with the FAT32 file system, as other types of file systems are not compatible.*

3. *Bluetooth®* receiver (smartphone, tablet, *Bluetooth®* transmitters)

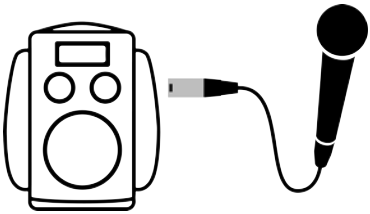


- Turn on Partybag.
- Turn on the *Bluetooth®* receiver by pressing the [*Bluetooth®*] button on the control panel for 2 seconds. The corresponding LED will light up to confirm activation.
- The *Bluetooth®* receiver will try to automatically pair with the last device it was paired with. If automatic pairing fails, the *Bluetooth®* receiver will enter pairing mode.
- The [*Bluetooth®*] LED flashes to indicate that pairing mode is active.
- Use the search function on your *Bluetooth®* device to display available devices.
- Connect to the device named "PARTYBAG-####", where #### is a 4-digit number that identifies the Partybag serial code. The [*Bluetooth®*] LED will change from flashing to solid when the pairing is successful.
- Start playing audio from your Bluetooth® device. You can use the [Play-Pause], [Forward], and [Back] buttons on the Partybag control panel to manage *Bluetooth®* playback directly.
- A short press of the [*Bluetooth®*] button disconnects the currently connected device and reactivates pairing mode (see the previous point).
- To turn off the *Bluetooth®* receiver, press the [*Bluetooth®*] button for 2 seconds.

NOTE: *it is recommended to set the volume of your smartphone or* Bluetooth® *source to a sufficiently high level before adjusting the Partybag master volume.*

NOTE: *the* Bluetooth® *receiver remains in pairing mode for 60 seconds. If a connection is not established within this period, the receiver will automatically turn off to save battery.*

4. Microphones



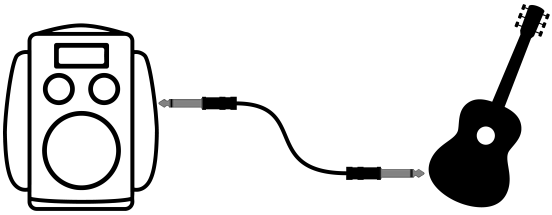
- Connect the microphone to a [MIC/LINE] input on Partybag using an XLR or Jack 6.3mm cable.
- Turn on Partybag.
- Adjust the preamplification level using the corresponding [GAIN] knob.

NOTE: *when connecting a microphone to input [MIC/LINE] n.1, turn off the high impedance mode by moving the corresponding [Hi-Z] switch to the OFF position.*

NOTE: *input [MIC/LINE] n.2 is equipped with 48V Phantom power (only present on the XLR input). When connecting a microphone that requires Phantom power, activate it by moving the corresponding switch to the ON position. The lighting of the corresponding LED confirms its activation. To avoid unwanted noise, it is recommended to lower the [VOLUME] knob and the [GAIN] n.2 knob of Partybag to the minimum before turning on or off the 48V Phantom power.*

WARNING: *using 48V Phantom power with incompatible devices can cause permanent damage to the connected equipment.*

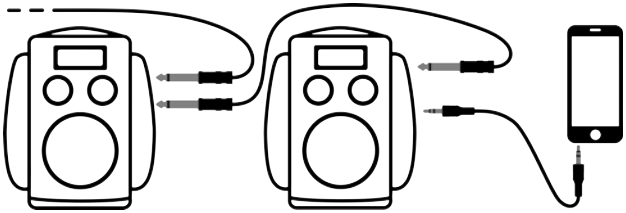
5. Musical instruments (guitar, bass, keyboard, pedals, etc.), mixer or other audio sources



- Connect the musical instrument or audio source to one of Partybag's [MIC/LINE] inputs using a suitable cable.
- If directly connecting instruments that require a high impedance input (e.g., electric guitar, electric bass, instruments with passive pickups), use input [MIC/LINE] n.1 and activate the high impedance mode by moving the [Hi-Z] Switch to the ON position.
- Turn on Partybag.
- Adjust the preamplification level using the corresponding [GAIN] knob.

WARNING: *when activating the Hi-Z mode, always use an unbalanced Jack 6.3 mm cable to connect the instrument. Using a balanced cable may cause electrical problems and reduce audio quality.*

DAISY-CHAIN CONNECTION



It is possible to connect two or more Partybag together in order to reproduce the audio from a source on all the connected Partybag.

To "daisy-chain" them, follow these steps:

- Connect one or more audio sources to the first Partybag of the chain, as described in the previous paragraphs.
- Use a Jack 6.3mm cable to connect the [LINE OUT] output of the first Partybag to a [MIC/LINE] input of the second. Set the relative [GAIN] knob to the minimum level [+0].
- Repeat the previous step to connect the second Partybag to a third and so on.
- To avoid unwanted noises, turn on the Partybag in sequence, starting from the first one of the chain and proceeding in order until the last one.
- When turning off, proceed in reverse order, first turning off the last Partybag in the chain and then working backwards to the first one.
- Disconnect the cables only after turning off all the Partybags.

NOTE: *increasing the number of Partybag connected in daisy-chain can result in an increase in background noise.*

NOTE: *the volume of each Partybag is independent, therefore adjusting the [VOLUME] knob of the first Partybag or other Partybag in the chain has no effect on the others. To adjust the overall volume of all the Partybags in the chain, it is recommended to act directly on the audio source.*

BATTERY RECHARGING

Partybag integrates a rechargeable, non-removable lithium battery.

The battery charge level is indicated by the [Battery] LEDs as described above. When the indicator shows a single flashing red LED, Partybag needs to be recharged as the battery charge is depleted.

NOTE: *It is not necessary to completely discharge the battery before recharging it. No special precautions need to be taken for the first use and first recharge of Partybag.*

To recharge, follow these steps:

- Connect the charger provided with Partybag to a power outlet.
- Connect the other end of the charger to the 29.4 V socket on the Partybag control panel.
- The [Charging] LED on the Partybag control panel will light up orange to indicate that charging is in progress. This phase lasts about 2.5 hours for a recharge from 0% to 90%.
- Partybag can be turned on and used during charging. In this state the [Battery] LEDs indicate the level of charge reached.
- The [Charging] LED will flash green to indicate that charging has exceeded 90% and is in the completion phase. This phase lasts about 1 hour.
- When charging is complete (battery at 100%), the [Charging] LED will light up solid green.
- At this point, you can disconnect the charger.

WARNING*: If the [Charging] LED lights up red, it means that the charger voltage is incorrect. The charger may be incorrect or malfunctioning. If the problem persists, please contact technical support.*

NOTE: *the LED on the charger indicates the operating status of the charger (green LED = low current supplied, red LED = high current supplied) and does not provide information on the status of the Partybag battery.*

A full battery recharge (from 0% to 100%) requires about 3,5 hours. Charging time may increase if Partybag is used during charging.

It is recommended to keep Partybag at temperatures between 5°C (41 °F) and 30°C (86 °F) to increase battery life over time. Exposure to extreme temperatures reduces battery capacity and life.

WARNING: *to preserve battery life, it is recommended to perform a full recharge at least once every 12 months, even if Partybag is not used. Leaving the battery completely discharged for long periods of time can lead to permanent damage.*

NOTE: *declared autonomy values are indicative and heavily depend on volume, usage conditions, battery age, usage temperature, and other factors that are difficult to predict.*

POWER SUPPLY FROM MAINS

It is possible to leave the battery charger always connected to Partybag, thus keeping the battery always charged and allowing unlimited use.

NOTE: *at very high listening volumes, the battery may still discharge even if the charger is connected.*