

TM-4-ACOUSTIC

Microphone system for accordion

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Characteristics

- Can be build into any accordion
- Independent installation or together with TOTTER MIDI system
- Installed pre-amplifier
- Installed active filter
- High operating stability
- Large dynamic span
- Separate outputs: right side, left side and vocal
- Linear frequency response
- More microphones for constant suply of sound
- Splitter with control of activity

Use

TM-4-ACOUSTIC is professional microphone system for accordion. Microphone is attached on accordion and can be use for singing or speech. It is suitable for live playing or recording. It can be used immediatly.

It offers high expression strength and makes possible to move free during the playing. It is suitable for all kinds of music (entertaining music, Alpine music, classical music, jazz, pop...). Accordion is constantly supplied with special microphones on both, bass and right site (top to bottom). A separate sound supply of right side, left side and vocal (sing, speech) assures you the control and attitude of arbitrary parameters (volume, effects...) is separately for each trace. It is suitable for acoustic playing, as well as in combination with TOTTER MIDI system.

It is recommended to everyone who wants to enjoy playing accordion with less effort.

Connection

Accordion with an inserted microphone system TM-4-ACOUSTIC must be attached directly on speaker system (normal amplifier, mixer, active speaker, radio -HiFi component).

All signals are transmitted on one cable or wireless system from accordion to active splitter. That also stands if, besides mycrophone system, TOTTER MIDI system is in accordion. Besides exits (sockets) on active splitter are control lights. Control lights show situation of system's activity. Lights shine at sound signal, MIDI signal and charging. Common adapter, which is connected to splitter, is charging electronics in accordion and active splitter.

Installation

- TM-4-ACOUSTIC consists of active microphones, pre-amplifier, splitter, power cable and adapter.
- It can be build into each accordion.
- Independent installation or together with TOTTER MIDI system.
- Possibility of later installation of MIDI system.
- Installation time can be cut down, at preliminary agreement, on 1 day.
- Acoustics and outside appearance of accordion remains unchanged.
- You can choose connection socket's position on your own.

Microphones and active electronics

Quality active microphones with linear frequency characteristic seize the whole frequency spectrum of sound signal. Active microphones are installed in accordion. The number of microphones depends on size of accordion. All tones position (low, middle, high) are evenly supplied with loudspeakers. Hanging attachment of the microphones absorbs distinguished unwanted noise of the cover keys and oscillations, transferred over the accordion.

Audio channels are separated and allow tone's control of each. Each channel (right side, bass and vocal) has installed its own pre-amplifier, which assures excellently steering of speaker system, reduces noise on joints and cables and reduces radio disturbances.

For larger stability of system cares one active filter on each audio channel. Modern electronic components assure reliable and precise effect in all situations and a low energy consumption, which is very important, especially with wireless playing. The vocal microphone can be fastened on the accordion as tie microphone or head microphone. The fastened microphone can be taken away for transport. The position of the microphone can be adjustable by a variable holder "goose neck".

Security

TOTTER MIDI systems suit valid EU guidelines for this kind of electrical devices and suit safety regulation:

Emission	EN 50081-1,	CE
Immunity	EN 50082-1,	
Security	LVD EN 61010-1.	

Technical characteristics

Frequency span:	20 Hz - 20000Hz
Temp. range:	-10°C / +50°C
Max. rel. humidity:	90% @ 40°C
Max. SPL:	> 142 dB
Signal/Noise:	> 60 dB
Standard exit:	+ 5dB

Frequency span

