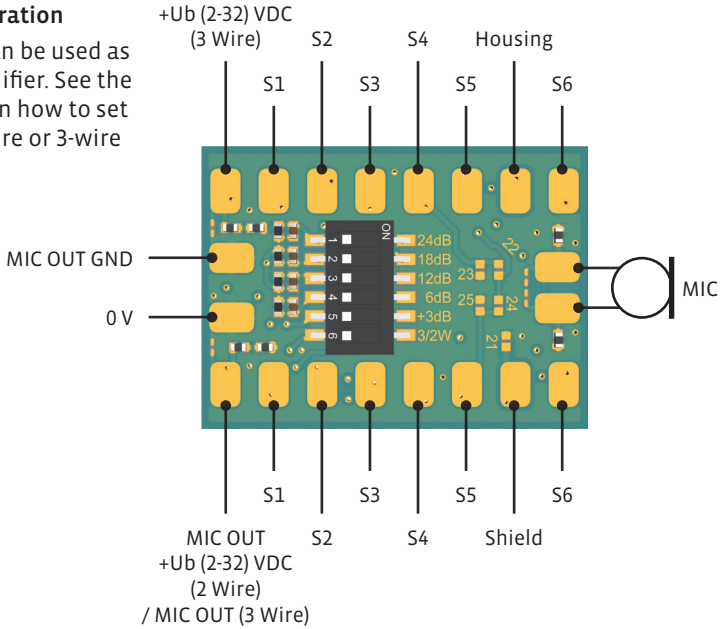
Connection and Modification Manual V856-101 (2 Wire and 3 Wire)

(Item No.: 6089-856-101-00)

2 Wire or 3 Wire Operation

This amplifier PCB can be used as 2-wire or 3-wire amplifier. See the list at the back to lern how to set the DIP switch for 2-wire or 3-wire operation.

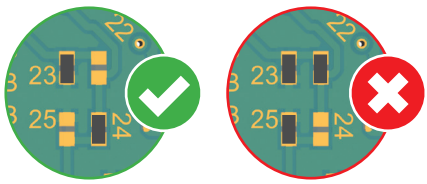


Solder pads (LP)

The pads in the right table are inter- connected on the PCB and can be connected via the jumpers (LP22/23 and LP24/25) to +Ub or GND.

Function	S4	S5	Housing/Shield
Connection to +Ub	Jumper LP22*	Jumper LP24*	/
Connection to GND	Jumper LP23*	Jumper LP25*	Jumper LP21

Examples



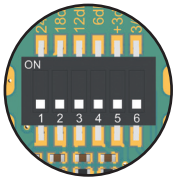
* Take care that only one jumper is set, to prevent short-circuit!

LP22 or LP23

LP24 or LP25

This amplifier PCB enables you to replace all former amplifiers, like the V856, V857, V966, and its different versions. See the following list, to learn how to set the DIP switch for each configuration:

DIP switch



The default setting is highlighted in blue within the lower list.

2/3 Wire	Gain	DIP sw 1	DIP sw 2	DIP sw 3	DIP sw 4	DIP sw 5	DIP sw 6	Former amplifiers its and versions
2	63 dB	off	off	off	off	on	on	
2	60 dB	off	off	off	off	off	on	former V856-0 (2089-856-000-00)
2	56 dB	on	off	off	off	on	on	
2	53 dB	on	off	off	off	off	on	former V856-5 (6089-856-005-00)
2	50 dB	off	on	off	off	on	on	
2	47 dB	off	on	off	off	off	on	former V856-1 (6089-856-001-00)
2	44 dB	off	off	on	off	on	on	
2	41 dB	off	off	on	off	off	on	former V856-3 (6089-856-003-00)
2	38 dB	off	off	off	on	on	on	
2	35 dB	off	off	off	on	off	on	former V856-6 (6089-856-006-00)
3	63 dB	off	off	off	off	on	off	
3	**60 dB**	off	off	off	off	off	off	**former V857-0 (2089-857-000-00) former V857-5 (6089-857-005-00)**
3	57 dB	on	off	off	off	on	off	
3	54 dB	on	off	off	off	off	off	former V966-2 (2089-966-002-00)
3	51 dB	off	on	off	off	on	off	former V857-6 (6089-857-006-00)
3	48 dB	off	on	off	off	off	off	former V966-1 (2089-966-001-00)
3	45 dB	off	off	on	off	on	off	
3	42 dB	off	off	on	off	off	off	former V857-8 (2089-857-008-00)
3	39 dB	off	off	off	on	on	off	former V857-3 (2089-857-003-00)
3	36 dB	off	off	off	on	off	off	