

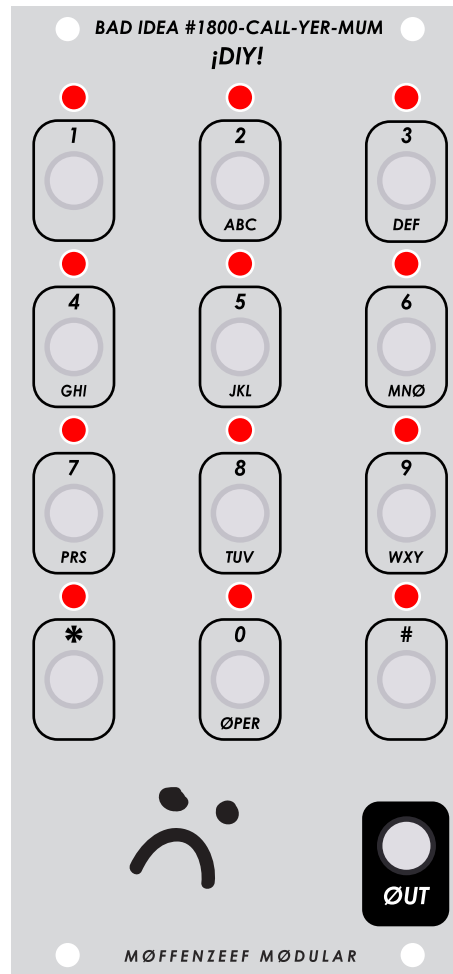
# BAD IDEA #1800-CALL-YER-MUM

## INSTALLATION

Turn off your modular system before installing BAD IDEA #1800-CALL-YER-MUM. Be sure that the red stripe on your ribbon cable aligns with the "-12v RED STRIPE!" silkscreen on the PCB. Double check that you have correctly connected your ribbon cable to the power distribution board before turning unit on. Improper installation or use could cause damage to you and your surroundings.

## WHAT DID I JUST BUY?

BAD IDEA #1800-CALL-YER-MUM IS A DUAL TONE MULTI-FREQUENCY SIGNAL GENERATOR MODELED AFTER TELEPHONE COMMUNICATION STANDARDS. EACH GATE INPUT IS ASSOCIATED WITH A DTMF PAIR THAT MATCHES THE SAME TONE YOU WOULD HEAR ON AN OLDER TELEPHONE (PRE-FACETIME). THERE IS NO TRIGGER CONDITIONING ON THE INPUTS WHICH ALLOWS THE TONES TO BE SUSTAINED AS DRONES WHEN A 5V OFFSET IS INSERTED INTO THE JACKS. ADDITIONALLY, THIS ALLOWS FOR SEQUENCES WITH VARYING PULSE WIDTHS TO ADJUST THE DURATION OF EACH TONE.



## HERE ARE THE DTMF PAIRS:

	1209 Hz	1336 Hz	1477Hz
697 Hz	1	2	3
770 Hz	4	5	6
852 Hz	7	8	9
941 Hz	*	0	#

<== ØUT: Audio output ~12vpp.