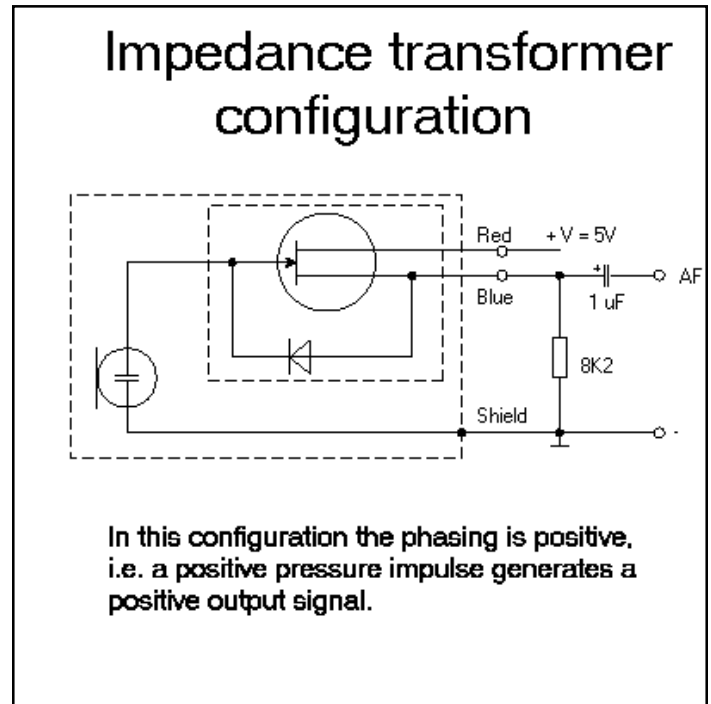
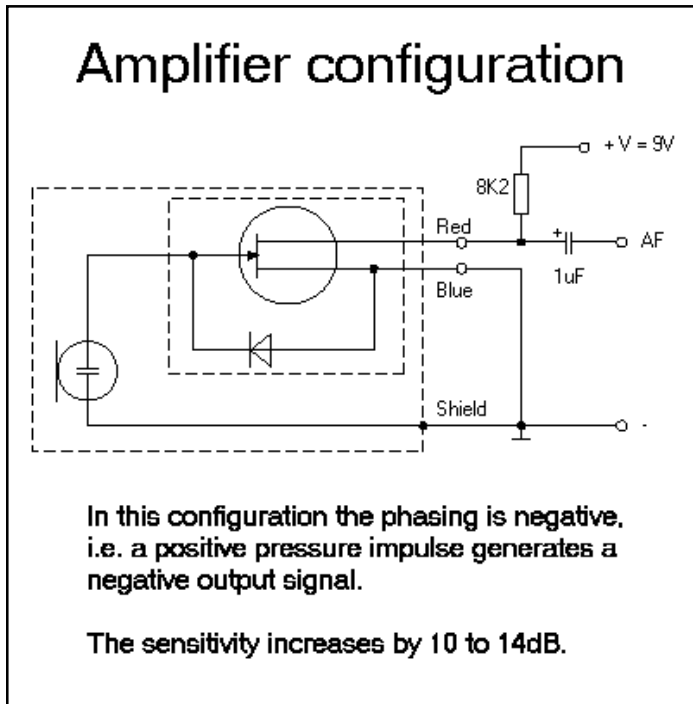


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## FACTS ABOUT ELECTRET WIRING

Here are the technical descriptions of the two ways that an electret capsule and FET can be configured.



\* When using a KA100 cable, substitute white for blue and brown for red.

All Sennheiser RF transmitters require the microphone to be wired in the amplifier or “two-wire” configuration. Because of this, many Sennheiser microphones such as the MKE2-4 or ME104 are built with the blue wire and shield tied together at the capsule. This results in the least amount of noise possible. These microphones can only be used in the amplifier configuration.

Microphones such as the MKE2-5 can be wired in either configuration depending upon the application. A simple continuity test between the shield and blue wire will indicate which configuration can be used.

In situations that require an electret microphone to be powered by 12 - 48V phantom powering, a special converter circuit must be used. Sennheiser can provide a “-PH” adapter which is the converter circuit inside a special XLR connector.

The following charts represent the wiring of standard Sennheiser stock items for use with competitive transmitters.

MANUFACTURE	MODEL	CONN.	CONN SOURCE	HOUSING	PIN-1	PIN-2	PIN-3	PIN-4	PIN-5	PIN-6
SENNHEISER	MKE2-LEMO4	LEMO4	FFA0S.304.CLAL.22	N/C	BLUE	RED	N/C	SHIELD	-----	-----
SENNHEISER	MKE2-LEMO4T	LEMO4	FFA0S.304.CLAL.22	N/C	SHIELD	BLUE	RED	N/C	-----	-----
SENNHEISER	MKE2-TA4F	TA4-F	ALLIED 932-1202	N/C	SHIELD	RED	BLUE	PIN 3	-----	-----
SENNHEISER	MKE2-TA4FV	TA4-F	ALLIED 932-1202	N/C	RED	N/C	BLUE	SHIELD	-----	-----
SENNHEISER	MKE2-TA5F	TA5-F	ALLIED 932-1204	N/C	SHIELD	RED	BLUE	PIN 1	N/C	-----
SENNHEISER	MKE2-P6	P6	HIROSE HR10A-7P-6P	N/C	RED	BLUE	PIN 2	N/C	PIN 6	SHIELD

MANUFACTURE	MODEL	CONN.	CONN SOURCE	HOUSING	PIN-1	PIN-2	PIN-3	PIN-4	PIN-5	PIN-6
SENNHEISER	KA100S-LEMO4	LEMO4	FFA0S.304.CLAL.22	N/C	4.7K, RED	4.7K	N/C	SHIELD, BLUE	-----	-----
SENNHEISER	KA100S-LEMO4T	LEMO4	FFA0S.304.CLAL.22	N/C	SHIELD/BLUE	4.7K, RED	4.7K	N/C	-----	-----
SENNHEISER	KA100S-TA4F	TA4-F	ALLIED 932-1202	N/C	SHIELD, BLUE	8.2K	8.2K, PIN, RED	PIN3	-----	-----
SENNHEISER	KA100S-TA4FV	TA4-FV	ALLIED 932-1202	N/C	8.2K	N/C	RED, 8.2K	SHIELD, BLUE	-----	-----
SENNHEISER	KA100S-TA5F	TA5-F	ALLIED 932-1204	N/C	SHIELD, BLUE	PIN 4	RED	PIN 2	N/C	-----
SENNHEISER	KA100S-P6	P6	HIROSE HR10A-7P-6P	N/C	8.2K	8.2K, RED	N/C	N/C	N/C	SHIELD, BLUE

The charts on the following pages identify, to the best of our knowledge, the appropriate wiring for each transmitter. This information was gathered second hand since we have no affiliation with these manufactures. Please contact the manufacturer of the transmitter to ensure compatibility.

If you do find any incorrect information or any additional information that needs to be added to the list please feel free to contact us an 860-434-9190.



