

From: Richard Drake
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Ernie,

In looking at your rig interface info, I see that you have the Ten-Tec Omni 546 A, B, C and D. I can provide you with some info for the Omni VI Plus (model 564). The RCA jacks on the rear panel are the same as those in your table for the 546. However, in reading KF4HEY's comments, he indicates that the audio out jack is in parallel with the speaker output. This is not the case on the OMNI VI Plus. There the audio out is a separate fixed level audio output and I found that it works fine when plugged directly into my Sound Blaster Live line input. The rear mic input is in parallel with the front panel mic connector so you must unplug the mic when using PSK31 and also must unplug or otherwise disconnect the PSK31 cable when using SSB. I do use VOX for TX/RX control and this works fine though the VOX gain needs to be adjusted differently for PSK and SSB. Ten-Tec recommends the use of a user supplied fan on the final heat sink if you are going to run more than 50 watts on any 100% duty cycle mode. However, for PSK31 if you run it at more than 50 watts you will be overdriving it so that's kind of a moot point. However, the heat sink does get pretty hot and an outboard fan certainly wouldn't hurt anything. Ten-Tec also recommends that you adjust the input to the mic such that ALC just begins to occur when the mic level is set near 11 O'clock. This, they say, will insure proper drive levels to all the circuits.

73, Rich Drake - W3ZJ