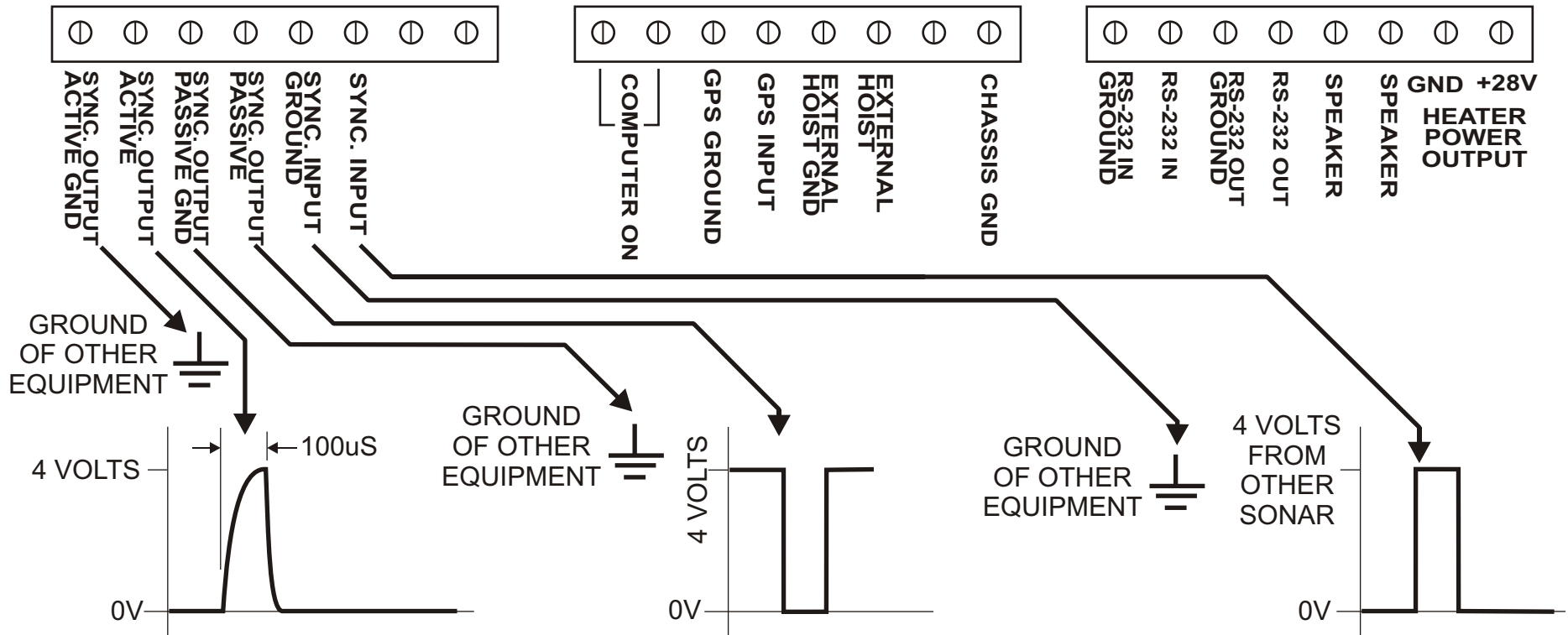


# SYNCHRONIZATION WIRING DIAGRAM



THE **SYNC. OUTPUT ACTIVE** IS USED TO SYNCHRONIZE OR KEY OTHER EQUIPMENTS. A PULSE IS GENERATED AT THE BEGINNING OF EACH TRANSMIT CYCLE AS SHOWN ABOVE. ON THE SETUP PANEL "**STP**" OF THE MAQ SONAR DISPLAY THE SETTING "**TX**" TRANSMIT MUST BE SET TO "**ON**". "**ON**" IS THE STANDARD OPERATING POSITION. (TRANSFORMER ISOLATED)

THE **SYNC. OUTPUT PASSIVE** WORKS THE SAME AS THE SYNC. OUTPUT ACTIVE BUT USES AN ACTIVE TTL GROUNDING PULSE TO TRIGGER OR KEY EXTERNAL EQUIPMENTS. (OPTICALLY ISOLATED)

THE **SYNC. INPUT** IS USED TO SYNCHRONIZE OR KEY THE MAQ FROM OTHER EQUIPMENTS. (OPTICALLY ISOLATED)