

Happ Controls Gun/Gun PCB Tester PN 96-0256-00

Tester Operating Instructions:

Testing Boards:

To test a board with a four pin connector:

Plug the board into the four pin female connector "**PI**".

To test a board with a six pin connector:

Plug the board into the six pin female connector "**P2**".

With a board installed and properly operating the LED labeled "**GUN TEST PASS**" will turn on. When an object is put between the LED labeled "**PCB**" and the optic detector on the gun PCB, the green LED labeled "**GUN TEST PASS**" will turn off. Block and unblock several times to verify proper operation.

The Trigger function may be checked by simply depressing the button labeled

"**TRIGGER TEST BUTTON**", When this button is depressed the red LED labeled "**TRIGGER TEST PASS**" will turn on.

*This function will not work with an original (ATARI) AREA
51 or MAXIMUM FORCE gun.*

Testing Guns:

To test a Happ gun :

On the tester harnesses plug the six position male connector labeled "**P4**" into the six position female connector labeled "**P3**". Then plug the four position female connector on the gun into the four pin male connector labeled "**P5**".

To test an Atari Gun Simply plug the existing connector on the gun into the six position female connector labeled "**P3**" on the tester.

When a working gun is connected and aimed at the LED labeled "**GUN**" the green LED labeled "**GUN TEST PASS**" will turn on.

When an object is put between LED labeled "**GUN**" and the gun the "**GUN TEST PASS**" LED will turn off.. Block and unblock several times to verify proper operation.

When a gun is connected and the trigger function is to be tested the button labeled "**TRIGGER TEST BUTTON**" should be held down. At this time the LED labeled "**TRIGGER TEST PASS**" will turn on.

When the trigger on the gun is squeezed this LED will turn off.

*This function will not work with an original (ATARI) AREA
51 or MAXIMUM FORCE gun.*

NOTE: The Service GROUND is for connecting a scope or meter ground.