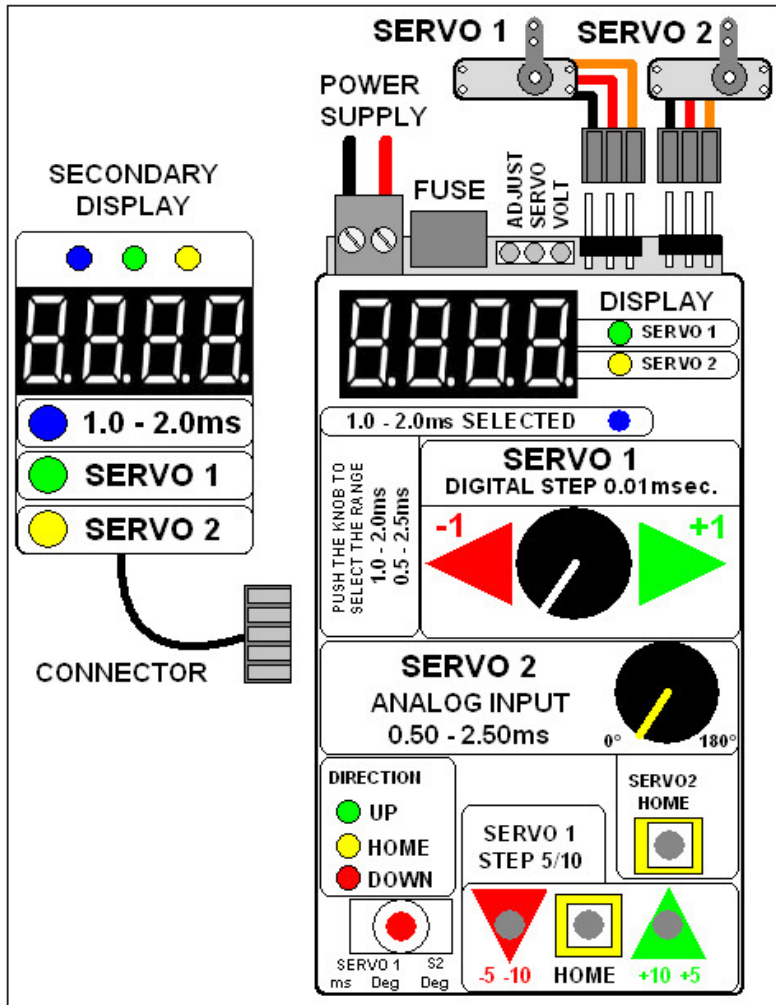


# TEST-O-SERVO

## SERVO-TESTER WITH 2 CHANNELS 4 DIGITS (1+3) DISPLAY + A SECONDARY DISPLAY



### SERVO 1 DRIVE in "DIGITAL STEPS"

Drives **S1** to: 0° - 180° = 200 steps  
(0.50 – 2.50ms. or 1.00 – 2.00ms.)

In steps of: 1 / 5 / 10

**GREEN/ RED** arrows = + / -

**LED** "1.00 – 2.00ms SELECTED"

Push the button to change to "0.50 – 2.50"

**"HOME"**-button drives **SERVO 1**  
to 90° = 1.50ms

**SERVO 2** drive = "ANALOG INPUT":

Drives: 0.50 – 2.50ms. = 0° - 180°

**"S2 HOME"**-button drives **SERVO 2**  
to "HOME" = 90° 1.50ms  
and stays there for 1 second

**DISPLAY** (e.g.):

"H 1.95" > over 1.50ms.

"= 1.50" = exactly 1.50ms.

"L 0.85" < less than 1.50ms,

**LED's:** "SERVO 1" or "SERVO 2"  
shows which one is selected

**LED:** "UP" > over 1.50ms.

**LED:** "HOME" = exact 1.50ms.

**LED:** "DOWN" < less than 1.50ms.

**LED's:** HOME and UP or DOWN, simultaneously will show the position to be 1.50ms +/- 0.05ms.

**SELECTION SWITCH:** Display "SERVO1 ms" ; "SERVO1 Degrees" or "SERVO2 degrees"

**SECONDARY DISPLAY.** The Main- and the Secondary displays are opposite to each other.

Displays: "SERVO 1" or "SERVO 2" value and **LEDS** shows which **SERVO** is selected.

**OUTPUTS :** SERVO 1 + SERVO 2 max.1A (Them Servos can be externaly supplied with >1A)

**SUPPLY-VOLTAGE:** (5 – 24VDC) Recommended min.6.5 – 14.0V.

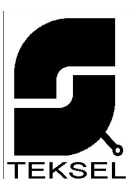
The **SERVO-Voltage** is adjustable: 4.0 – 7.2V (with supply volt: min. 5,5 - 9V)

The **SIGNALS** to the servos are internally limited to max. 5.1V

**CURRENT** (Amps): (without them servos) the whole unit + the secondary display < 200mA

The control-unit is internally protected to 1.5A

Developed & Produced by **TEKSEL / Kimmo Selin. FINLAND**



TEKSEL/ Kimmo Selin  
KAPTEENINTIE 8A3  
FI 10660 TAMMISAARI  
FINLAND

Y-tunnus 2124224-4



+358 (0) 40 665 3060

e-mail: [teksel@teksel.net](mailto:teksel@teksel.net)

Net: [www.teksel.net](http://www.teksel.net)