

## Scale-Link™ Computer - Input Plan Scaler



### Automatically scale dimensions into virtually any software program!

Just roll the wheel of the Scale-Link scaler along your print and automatically transfer measurements into any Windows software program. Works with spreadsheets such as Lotus 1-2-3, Excel, Quattro-Pro and all estimating programs.

### Make error-free measurements with Scale-Link.

Scale-Link saves you thousands of keystrokes and many hours previously wasted through manual input. Not only do you save valuable time, but transposition errors become a thing of the past.

### Scale-Link software is easy to learn and use.

The Scale-Link scaler includes all the same features as Plan Wheel, so you already know how it works. In addition, the intuitive software makes using the Scale-Link scaler even easier.

### Scale-Link comes complete!

Everything you need to scale dimensions into your software program is included: Scaler, Cable, Software, Protective Case, User's Guide and Batteries.

### Scalex Corporation (U.S.A.)

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Fax: (760) 579-0316

## Other Scalex Products



**Hard Plastic Protective Case**  
- protect your investment  
(Scaler in picture not included)



**Computer Interface Kit**  
- connects to any Windows™ application

### LIMITED WARRANTY

Scalex Corporation warrants this product to be free from defects for one year from the date of purchase. We will replace or repair the product within that period at no cost to you for parts or labor, provided you return the product, at your cost, along with proof of purchase, to an authorized service center or directly to Scalex Corporation. Call (800) 653-5016 for locations.

This warranty does not cover misuse or accidental damage. Except as provided herein, Scalex Corporation makes no warranties, express or implied, including warranties of merchantability and fitness for a particular purpose. Some states do not permit limitation or exclusion of implied warranties, so this limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

**WARNING:** This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual, may cause interference to radio communications. It has been tested and found to comply with the limits for a Class "A" digital device pursuant to Subpart B of Part 15 of the FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area may cause interference in which case the user, at his own expense, will be required to correct the interference.

Changes or modifications not expressly approved by SCALEX CORPORATION could void the user's authority to operate the equipment.

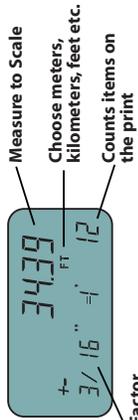
SCALEX

# PlanWheel™ XLU

Connect to any Windows application with the XLU Computer Interface Kit (sold separately)

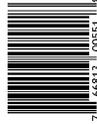
### The Scalex Plan Wheel is easy to use:

- 1 Select the scale factor to match your plans.
- 2 Roll the wheel on the plans and read the measurement.



### Scale Factor

- 52 built-in and 3 user-defined scale factors. Includes all common scales - imperial too.
- Calculate auto-scale factor from reduced, enlarged or odd-scale drawings
- Calculates square and cubic dimensions for regular areas and volumes
- Counter and adder buttons on probe tip let you count items or add fixed lengths as you scale
- Measures in kilometers, meters, centimeters, feet, yards, miles and inches
- Create, store and retrieve 2 user-defined scale factors
- Clear, audible tone indicates wheel movement
- Automatic shut-off assures long battery life
- Computer Compatible
- Low battery indicator



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### ASSEMBLED IN MEXICO

### SPECIFICATIONS

Accuracy: ± 0.25%  
Resolution: 1.0mm (.04")  
Batteries: 2 x AAA (included)

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SCALEX

# PlanWheel™ XLU

Instantly  
measure plans  
in any scale!

Computer Interface  
Option Available

Ready to Use  
Includes 2 AAA Batteries  
and Instructions  
One Year  
Limited Guarantee

## OPERATING YOUR PLAN WHEEL

Remove the two AAA batteries from the battery compartment of the packaging, insert them into the battery compartment of the PlanWheel. Observe polarity.

The PlanWheel automatically shuts off if it is not used for about seven minutes.

Turn the PlanWheel on again by pressing any button. The display will contain all the same information, including the same scale factor, as when it was last used.

Battery life depends on many factors such as the type of battery and the temperature. Expect about 100 to 400 hours of operation (on-time) from one set of batteries. The batteries will last about 2 to 6 months in a Plan Wheel which is turned off.

When the batteries get low, the low battery indicator flashes. Replace both batteries at the same time. Observe the correct polarity as shown inside the battery compartment.

The PlanWheel requires no maintenance. However, you should keep the wheel clean and free from dirt. Check the correct operation of the PlanWheel occasionally by rolling it over a known distance.

If you store the PlanWheel for an extended period, remove the batteries.

## MAKING A MEASUREMENT

If necessary, press **MODE** until the units of readout, such as miles, yards, feet or inches, appear.

Press **CLEAR** to zero the measurement.

The tip of the PlanWheel is pointed to make it easier to take accurate measurements. Roll the wheel along the plan and read the measurement on the PlanWheel display.

If you scale a distance which is too large to display, the display will show all dashes (-----). In this case, you may be able to recover the measurement by switching to a larger unit, for example from feet to yards.

## SENSE BUTTON

Press **SENSE** to change the way the scaler adds: length.

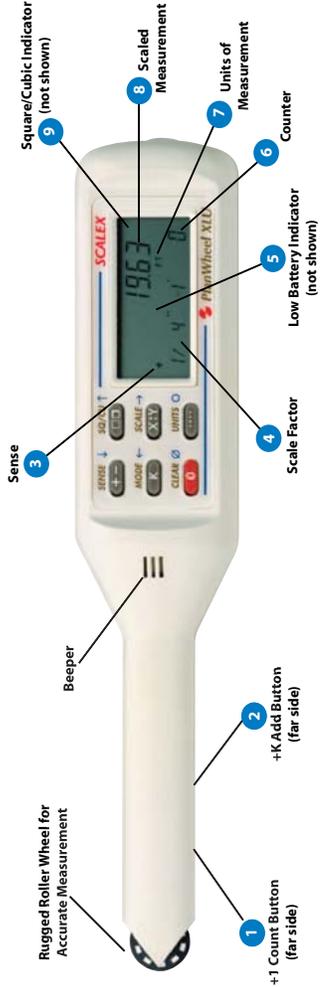
- + Add in forward, subtract in reverse. (If you scale past the end, simply back up.)
- Add in both directions. (Scale in any direction.)
- Subtract in both directions.

## BEEPER

The PlanWheel beeps when you roll it. The beep is slightly longer when adding length and shorter when subtracting.

To turn the beeper off, hold down **CLEAR** and press **SOUCI**.

Repeat to turn the beeper back on.



## SETTING SCALE FACTORS

Press **SCALE** if you need to change the scale factor group.

Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
Metric	Engineering	Map	Architectural	Auto-Scale	Auto-Scale
1:1	1": 10'	1": 100'	1": 1,000'	1/32" = 1"	1/32" = 1"
1:2	1": 20'	1": 166 2/3'	1": 1,200'	1/16" = 1"	1/16" = 1"
1:5	1": 30'	1": 200'	1": 2,000'	3/32" = 1"	3/32" = 1"
1:10	1": 40'	1": 250'	1": 3,000'	1/8" = 1"	1/8" = 1"
1:20	1": 50'	1": 300'		3/16" = 1"	3/16" = 1"
1:33	1": 60'	1": 333 1/3'		1/4" = 1"	1/4" = 1"
1:50	1": 830 1/3'	1": 400'		3/8" = 1"	3/8" = 1"
1:100		1": 416 2/3'		1/2" = 1"	1/2" = 1"
1:250		1": 500'		3/4" = 1"	3/4" = 1"
1:500		1": 583 1/3'		1" = 1"	1" = 1"
1:1000		1": 600'		1-1/2" = 1"	1-1/2" = 1"
1:1250		1": 625'		2" = 1"	2" = 1"
1:2500		1": 666 2/3'		3" = 1"	3" = 1"
		1": 750'		4" = 1"	4" = 1"

After you reach the group you want, press **SCALE** until you reach the scale factor you want.

## USER SCALE FACTORS

If the correct scale-factor is not listed, you may enter it yourself:

Press **MODE** until the correct group appears. (Scale-Factors cannot be altered in Group 5 Architectural.)

Hold **CLEAR** down for two seconds. The left-most digit of the scale factor will begin to flash. Enter the new scale factor (SEE ENTERING NUMBERS).

## MEASURING AREAS AND VOLUMES

The PlanWheel can be used to measure regular area or volume. Regular measures are those with straight, perpendicular sides.

## TO MEASURE AREA

Set the scale factor and roll the PlanWheel as usual along one side of the rectangular area to be measured.

Press **SOUCI**. The square measure symbol (□) will begin flashing.

Roll the wheel along the other side of the rectangle. The PlanWheel will display the resulting area.

## TO MEASURE VOLUME

Scale the area shown on the plan as described above. Press **SOUCI** a second time. The cubic measure symbol (∛) will flash. Roll the wheel over a distance equal to the height. (Since most drawings are flat plan layouts, it may be necessary to draw a small line equal to this distance.) The PlanWheel will display the resulting volume.

To cancel the square or cubic measurement and start over, press **CLEAR**.

## ENTERING NUMBERS

When one digit is flashing on the PlanWheel display, you are ready to enter a number according to the blue symbols:

- ← Move flashing digit one to the left.
- Move flashing digit one to the right.
- ↑ Increase flashing digit.
- ↓ Decrease flashing digit.

When the number is correct, press **UNITS**. The PlanWheel will return to normal operation.

Or to cancel, press **CLEAR**. The PlanWheel will return to normal operation without entering the new value (the old value is kept).

## METRIC MEASUREMENTS

While holding down **CLEAR**, press **UNITS** to select the desired indicators.

- MI YDS FT IN
- KM M CM
- MI YDS FT IN KM M CM

Standards indicators.  
Metric indicators.  
Both

After you release **CLEAR**, press **UNITS** to select the units you want.