



OPTICAL LEVELS SPECIFICATION

MODEL / SKU		 AL24DVP 1-77-160	 AL32 1-77-245
KEY FEATURES	Working range	90m	107m
	Accuracy	2mm for 1km double run levelling / 1.6mm @ 45m	1mm for 1km double run levelling / 1.6mm @ 75m
	Angular accuracy	1° DVP / GON	1° DVP / GON
	Magnification	x 24	x 32
	Compensator type	Automatic +/- 2°	Automatic +/- 2°
	Compensator accuracy	+/- 0.8"	+/- 6"
	Compensator working range	+/- 15'	+/- 15'
	Vial sensitivity	2mm	2mm
	Clear objective aperture	36mm	40mm
	Tripod & rod	Included	Included
	IP Rating	IP54	IP54
APPLICATIONS	SITE LAYOUT	Levelling & foundation form work	■
		Surface levelling, gradings & drainage	■
		Levelling roads, paths and driveways & Landscaping	■
	FIRST FIX	Squaring up walls, doors and windows	
		Structural steelwork & scaffolding	●
		Electrical & plumbing installation	
	SECOND FIX	Suspended ceilings & partition walling	
		Electrical layout, overhead lighting & multipoint alignment	
		Tracks, trunking and pipework	
	FINISHING	Wallpapering, tiling & interior decorating	
		Kitchen & bathroom installation	
		Shelving, cabinets, borders & dado rails	

■ IDEAL FOR ● SUITABLE FOR

AL24DVP AUTOMATIC OPTICAL LEVEL 24X ZOOM



Top optical peep sight for ease of ranging

24x magnification with 90m range

Large easy-to-use, precise focussing knob

Fine adjustment knobs with friction-braked rotation

Magnetically dampened, wire hung compensator

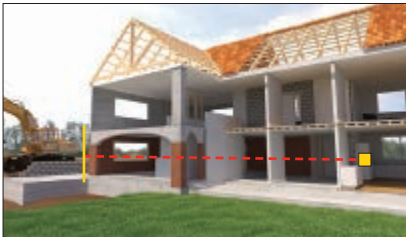
Sealed unit rated to IP54 for outside use



KIT CONTENTS:

- 5/8 thread aluminium tripod (97-162cm)

- 5m Measuring staff (EU or UK)



- 24x automatic optical level for foundation form work, leveling, grading and drainage
- Magnetically dampened, wire hung compensator with in-transit lock for optimum accuracy & range
- Large effective aperture with 30cm minimum focal range
- Top mounted optical peepsight for ease of ranging
- Right angle prism for easy bubble viewing
- Large easy to use focusing knob
- Fine adjustment knobs on left and right sides with friction-braked rotation for continuous easy horizontal movement
- 1:100 stadia for estimating distance
- Available in 360 degree or 400 GON versions
- Sealed, dust & water protected for working in all conditions (IP54)

Model / SKU: 1-77-160 (Cons)

Leveling type	Manual
Working range	90m
Accuracy	2mm for 1km double run levelling / 1.6mm @ 50m
Angular accuracy	1° DVP / GON
Magnification	x 24
Compensator type	Automatic +/- 2°
Compensator accuracy	+/- 0.8"

Compensator working range	+/- 15'
Vial sensitivity	2mm
Clear objective aperture	36mm
Resolution	9.0mm
IP Rating	IP54
Length	202mm
Weight	1.6 kg