

# LL360P 360° LAYOUT LASER

- Projects a 360° horizontal laser plane and two 360° vertical planes
- Self-levels and indicates out-of-level condition
- Detector mode allows laser to be used in bright light conditions with optional line laser detector
- Pendulum system locks when switched off
- Adapter and support base with strong magnets, 1/4-20 and 5/8-11 thread; slots for screws or nails, raceways for optional straps
- Easy access battery compartment



**47-LL360P LL360P** 360° Layout and Alignment Laser. Includes: laser, target, multi-mount adapter, batteries, carrying case, manual

# PL5CL POINT & CROSS LINE LASER

- Projects cross laser lines and four 90° points (cross laser also creates a point)
- Tilt "manual mode" cross line – ideal for tilting laser cross lines manually at any angle
- Robust over-molded housing
- Easy access battery compartment
- Detector mode allows laser to be used in bright light conditions with optional line laser detector (use with optional LLD20 laser receiver)



**47-PL5CL PL5CL** 5-Point Alignment and Cross Line Laser. Includes: laser, target, multi-mount adapter, batteries, carrying case, user manual

# LL2CL CROSS LINE LAYOUT LASER

- Vertical, horizontal & cross laser line modes: projects two lines independently or together
- Tilt "manual mode" cross line – ideal for tilting laser cross lines manually at any angle
- Robust over-molded housing
- Detector mode allows laser to be used in bright light conditions with optional line laser detector (use with optional laser receiver)
- Adapter and support base with strong magnets, 1/4-20 and 5/8-11 thread; slots for screws or nails, raceways for optional straps
- Easy access battery compartment



**47-LL2CL LL2CL** Cross Line Layout Laser. Includes: laser, target, magnetic adapter, 360-degree support base, batteries, carrying case, user manual

# 4200HV ROTARY LASER WITH LAYOUT

- Dual-slope up to 10%
- Manual Mode allows laser to be tilted for simple slope applications
- Smart H.I. Alert System alerts user when laser has been disturbed or drifts
- Variable rotation speeds for a wide variety of jobsite visibility settings: 0, 60, 120, 300 and 600RPM
- Scan Angles: 10°, 45°, 90°, 180°; for maximum visibility
- Visible 90-degree layout beams (both up and down plumb) for alignment and squaring
- Clock-wise and counter-clock-wise beam positioning
- Enclosed Rotor Housing keeps laser safe from tough jobsite conditions



**48-4200HV 4200HV** Rotary Laser with Layout Beam. Includes: rotary laser, LD20 laser detector w/clamp, mount, rechargeable NiMH battery pack, alkaline battery pack, remote, target, glasses, carrying case, user manual

# 4200H HORIZONTAL ROTARY LASER

- Dual-slope up to 10%
- Manual Mode allows laser to be tilted for simple slope applications
- Smart H.I. Alert System alerts user when laser has been disturbed or drifts
- Enclosed Rotor Housing keeps laser safe from tough jobsite conditions



**48-4200H 4200H** Horizontal Rotary Laser. Includes: rotary laser, LD20 laser detector w/clamp, rechargeable NiMH battery pack, alkaline battery pack, carrying case, user manual

# 3900HV ROTARY LASER W/ LAYOUT

- Simple button operation, easy to use
- Plumb up laser beam for 90° vertical layout
- Manual Mode allows laser to be tilted for simple slope applications
- Variable rotation speeds and scan angles can be adjusted with remote control
- Anti-Drift System alerts user when laser has been disturbed or drifts
- Enclosed Rotor Housing keeps laser safe from tough jobsite conditions



**48-3900HV 3900HV** Rotary Laser with Layout Beam. Includes: rotary laser, laser detector w/clamp, built-in mount, rechargeable NiMH battery pack, alkaline battery pack, remote, target, glasses, carrying case, user manual

# David White®

*Nobody Helps You Build Better... since 1895*

David White Company was founded in 1895 in Milwaukee, Wisconsin, U.S.A. Its founder, David White, was born in Hungary on September 26, 1874. His occupation was that of an instrument maker and, after immigrating to the U.S., he originated the company with the help of established relatives in the Milwaukee area. In 1900, he organized a partnership with Charles Klaweithier, manufacturing drawing and surveying instruments. The company was incorporated on June 22, 1912. Its products became widely recognized for craftsmanship in specialized optics.

Today, the David White name continues to provide productivity tools for leveling, layout and measuring in the construction and surveying industries.

Its comprehensive line of products includes rotating construction lasers including manual and self-leveling models, optical instruments including levels, level-transits, automatic levels and automatic level-transits.

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# THE DAVID WHITE GUARANTEE

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All David White laser tools and optical instruments will be free from defects in material or workmanship for a period of two (2) years from date of purchase.




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# Laser & Optical Instruments

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 David White laser products are manufactured to Class 2M or 3R laser classification. Please refer to product warning labels for actual laser output and classification.

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# SELECTION GUIDE - SPECIFICATIONS




## OPTICAL INSTRUMENTS

Model	Optics	Leveling Accuracy (+/-)	Job Range (Up to)	Plummet Type
<b>L6-20</b>	22X	1/4" at 100' (6mm at 30m)	200-ft (60m)	n/a
<b>LT6-900</b>	22X	1/4" at 100' (6mm at 30m)	200-ft (60m)	n/a
<b>AL8-26</b>	26X	1/16" at 100' (1.6mm at 30m)	325-ft (100m)	n/a
<b>AL8-32</b>	32X	1/32" at 100' (1.0mm at 30m)	400-ft (120m)	n/a
<b>LT8-300</b>	26X	3/16" at 150' (5mm at 45m)	400-ft (120m)	n/a
<b>LT8-300P</b>	26X	3/16" at 150' (5mm at 45m)	400-ft (120m)	optical
<b>LT8-300LP</b>	26X	3/16" at 150' (5mm at 45m)	400-ft (120m)	laser
<b>LT8-300LTU</b>	26X	3/16" at 150' (5mm at 45m)	400-ft (120m)	optical
<b>DT8-05P</b>	30X	5-sec	n/a	optical
<b>DT8-05LP</b>	30X	5-sec	n/a	laser
<b>DT8-05LS</b>	30X	5-sec	n/a	optical

## ROTARY LASER INSTRUMENTS

Model	Leveling Accuracy (+/-)	Job Range (Up to)	Plumb Beams	Vertical Layout	Slope Capable
<b>3900HV</b>	3/16" at 100' (4.5mm at 30m)	1000' (400m)	Up	Yes	manual
<b>4200HV</b>	1/8-in at 100-ft (3mm at 30m)	1600' (500m)	Up/ Down	Yes	dual 10%
<b>4200H</b>	1/8-in at 100-ft (3mm at 30m)	1600' (500m)	-	-	dual 10%

## LASER LAYOUT TOOLS

Model	Leveling Accuracy (+/-)	Job Range (Up to)	Laser Projection	Use with Receiver
<b>LL2CL</b>	1/8" at 30' (3mm at 10m)	165' (50m)		Yes
<b>PL5CL</b>	1/4" at 100' 3mm at 30m)	165' (50m)		Yes
<b>LL360P</b>	1/4" at 100' 3mm at 30m)	165' (50m)		Yes

# LT8-300LTU LINE TRANSFER UNIT

- Powerful 26X optics
- Laser plummet for quick and easy setup
- Circle Lock— Assures accuracy by preventing the horizontal circle from being moved accidentally.
- Glass Reticle— With stadia lines for measuring distance. Stadia ratio 1:100.
- Plate Vial— For rough leveling and general plummeting requirements.



**46-D8879 LT8-300LTULP** Universal Line Transfer with Laser Plummet. Include: instrument, rain hood, objective lens, case, manual

**Versatile— Can be used with pipe aligning lasers or as a level-transit.**

Set up the LT8-300LTU over your pipe laser. Sight on the far point and lock the horizontal screw.

Transit over the pipe laser and align the front and back of the pipe laser with the cross hair in the line transfer unit. Transit out to point in ditch.

Adjust laser beam left or right to center it in the crosshairs.

# LT8-300 UNIVERSAL LEVEL-TRANSIT

- 26X Level-Transit
- Horizontal circle, lock and tangent
- Vertical arc, lock and tangent
- Solid Three-Piece Standard-Engineered to protect against dirt, damage and costly repairs
- Wide-Stance Ball Bearing Center
- 1:100 stadia with glass reticle



**46-D8870 LT8-300** Universal Level-Transits. Include: instrument, plumb bob, rain hood, objective lens, case, manual

**46-D8871 LT8-300P** Universal Level-Transit with Optical Plummet. Include: instrument, plumb bob, rain hood, objective lens, case, manual

**46-D8872 LT8-300LP** Universal Level-Transit with Laser Plummet. Include: instrument, plumb bob, rain hood, objective lens, case, manual

## LT6-900 22X TRANSIT-LEVEL

- Horizontal Circle— Graduated to single degrees and reads by vernier direct to 1/4 degree (15 minutes)
- Features a Vertical Arc— Read to degrees (0-45°)
- Horizontal Lock and Tangent Screw— Provides precise movement control
- Built-in Sunshade— For clearer sightings
- Leveling Vial— Top mounted for effortless viewing



**44-D8834 LT6-900** 22X Transit-Level. Includes: transit-level, plumb bob, case, manual

## L6-20 22X LEVEL

- Horizontal Circle— Graduated to single degrees and reads by vernier direct to 1/4 degree (15 minutes)
- Horizontal Lock and Tangent Screw— Provides precise movement control
- Built-in Sunshade— For clearer sightings
- Leveling Vial— Top mounted for effortless viewing



**44-D8824 L6-20** 22X Level. Includes: level, plumb bob, case, manual

# DT8-05 DIGITAL THEODOLITE

- Incremental encoding detection system with dual digital displays
- Automatic power shut-off
- Optical and laser plummet option available for centering of point
- Coaxial tangent and clamp screws provide ease of use in sighting and alignment applications



**46-D8895 DT8-05P** Digital Theodolites with Optical Plummet. Includes: instrument, sunshade, tool kit, rain cover, plumb bob, carrying case, rechargeable battery pack/charger, alkaline battery tray, user manual

**46-D8896 DT8-05LP** Digital Theodolites with Laser Plummet. Includes: instrument, sunshade, tool kit, rain cover, plumb bob, carrying case, rechargeable battery pack/charger, alkaline battery tray, user manual

**46-D8897 DT8-05LS** Digital Theodolites with Laser Sight, Optical Plummet. Includes: instrument, sunshade, tool kit, rain cover, plumb bob, carrying case, rechargeable battery pack/charger, alkaline battery tray, user manual

## AL8-SERIES AUTOMATIC LEVELS

- Lock-Out Device- Protects compensator during transport
- Larger Aperture- Allows more light for a sharper image
- Wire-Hung Magnetically Damped Compensator- Holds the level line of sight within ±15 arc minutes of level
- Soft Control Knobs- Easier to grip
- Horizontal Circle- Easy-to-read white on black graduations



**45-D8926 AL8-26** 26-Power Automatic Level Kit. Include: instrument, adjustment tools, lens cap, plumb bob, case, manual

**45-D8932 AL8-32** 32-Power Automatic Level Kit. Include: instrument, adjustment tools, lens cap, plumb bob, case, manual

**45-D8932-1 AL8-32** 32-Power Automatic Level Kit. Include: instrument, adjustment tools, lens cap, plumb bob, case, manual, aluminum tripod, 13-ft aluminum rod

## 620 SIGHTING HAND LEVEL

- Ideal for preliminary survey and simple distance estimation
- Sturdy impact-resistant body and easy-to-read protected vial
- Pocket clip



**43-D620 620** 2X Hand Level. Includes: hand level