

AT-G4/AT-G6

TOPCON



HIGH ACCURACY, LOW COST AUTO LEVELS



**World Class auto level precision
and durability for construction**

- WATERPROOF, SEALED TELESCOPE CONSTRUCTION
- 2 SPEED FOCUSING
- ANGULAR READING TO 10 MINUTES
- CLAMPLESS FINE HORIZONTAL ADJUSTMENTS
- VERY SHORT 0.5 METER FOCUSING
- EASY-TO-SEE CIRCULAR LEVEL OBSERVATION
- RAPID STABLE AUTOMATIC LEVELING

It's time.

Only Topcon, the world leader in precision survey optics, offers auto levels this perfectly suited to today's contractors. The AT-G4 and AT-G6 offer precision in a package built tough for the harsh construction environment.

The AT-G4 and AT-G6 are water and dust proof and feature magnetically dampened compensators that level quickly and are resistant to ground vibrations, a must on active jobsites. And Topcon's exclusive mylar compensator suspension system resists temperature induced errors for consistent, accurate readings throughout the day.

Set-ups are a snap using the pop-up mirror for effortless viewing of the level vial without moving from the eyepiece, and fine horizontal adjustment knobs, conveniently located on both sides of the instrument, will get you on target in record time. The base circle is clearly marked in 1° divisions with numerical degrees marked every ten degrees.

The 26X magnification of the AT-G4 and 24X magnification of the AT-G6 offers clear, precise shots over distance, and both provide a super-short 1.6' (.5m) minimum focus.

Green Label

Topcon is pleased to introduce Green Label. Green Label represents Topcon's commitment to supplying the Survey and Construction industries with the World's most cost effective, high quality positioning products. It's through Topcon's continued investment in state-of-the-art global engineering and manufacturing that Green Label is made possible. Green Label, the start of the next Topcon revolution. Topcon. It's time.



AT-G SERIES

High Accuracy, Low Cost Auto Levels



AT-G4/AT-G6: two choices, limitless applications, one thing in common: Topcon precision



Waterproof/Dustproof construction

Completely waterproof and dustproof, the AT-G4/6 is ready to go to work whether it's dry and dusty, or cold and rainy. Even in damp confines such as tunneling, they're up to the task.

Each AT-G telescope is rigorously tested, then charged using dry nitrogen assuring lens clouding and condensation won't be a problem with these levels.



Very short 1.65' (0.5m) focus

Big jobs or small, close-in or across the site, Topcon's AT-G4 and AT-G6 feature a very short focus distance so you can set it up where it's the most useful, and out of the way.



Angles made easy

The AT-G4/AT-G6 lower circle provides graduated angle indication clockwise from 1° to 360° (0g to 400g) making angle measurements a snap. Values are indicated at 10° increments for at a glance reference.



New Ergonomic design

Redesigned for smoother, easier operation, Topcon's G series levels feature large, logically placed knobs, faster, accurate adjustments and lightweight materials for less weight when you're on the move.

Fast set-up

Fast set-up is made possible through the incorporation of a dual-adaptor base plate for dome or flat head tripods.



Topcon's newly-designed engineering and construction automatic levels are streamlined and more compact than ever. They are lightweight for easy transport and the completely waterproof telescope is effective for all kinds of wet surveying operations.



Accessories

Looking for longer range? Topcon offers an entire line of AT-G Auto-Levels. Contact your local Topcon Dealer for information on these long range models:



AT-G1

32x magnification, angle readings to 10 minutes, 2-speed focus, and an impressive list of optional accessories to get the job done fast, the first time.



AT-G2/AT-G2A

32x magnification, 2-speed focus (AT-G2A), and an impressive list of optional accessories to get the job done fast, the first time.



AT-G3

30x magnification, angle readings to 10 minutes, short range 1.65' (.5m) focus, and an impressive list of optional accessories to get the job done fast, the first time.

Easy-to-see level vial

Level up without moving from the eyepiece. Using the integrated hinged mirror, simply set so the circular level vial is viewable at eye height of the aperture. Now just use the tribrach base to center the circular level vial and level the AT-G with a slight shift of the eye.

With the level vial closed, the level vial is protected from dirt and damage.



AT-G4/AT-G6 package

- Auto level
- Hard shell carry case
- Plumb bob
- Weather protective bag
- Lens cleaning cloth
- Allen wrench
- Operator's manual



The Leader in Positioning Technology...

Your authorized Topcon dealer has the answer for all of your precise positioning needs. Whether you're looking for precision GPS+ control for surveying and engineering applications or layout and grade management on a construction job site, your local Topcon dealer offers the widest range of products to get the job done quickly and accurately.

And don't forget, Topcon also offers the industry's easiest-to-use GPS+ machine control systems. Capable of working as an indicate-only system or fully automatic grade control, Topcon offers systems to automate your motorgrader, paver, profiler, dozer, excavator, or ag/land leveling machines.

There's only one company that offers you all of the positioning tools to keep you competitive in today's market. They're only available from your local dealer, and they're only from Topcon.

The Leader in Customer Satisfaction...

To ensure that your Topcon system maintains peak performance, your local Topcon dealer offers factory trained and certified service technicians. And just in case service assistance isn't available in your area, our factory offers a repair and support policy second to none.

Offices Worldwide

TOPCON CORPORATION

75-1 Hasunuma-cho, Itabashi-ku • Tokyo 174-8580, Japan
Phone: 3-3558-2520 • Fax: 3-3960-4214 • www.topcon.co.jp

Topcon Europe Positioning B.V.

Essebaan 11, 2908 LJ Capelle a/d IJssel • THE NETHERLANDS
Phone: 010-4585077 • Fax: 010-4585045 • www.topconeuropa.com

Topcon Corporation Beijing Office

Block A No.9, Kangding Street, Beijing Economic Technological Development Area, Beijing 100176 • CHINA
Tel: +86-10-6780-2799 • Fax: +86-10-6780-2790



Topcon Positioning Systems, Inc.

7400 National Drive
Livermore, CA 94550
www.topconpositioning.com

Specifications subject to change without notice

©2006 Topcon Corporation All rights reserved.

P/N: 7010-0791 Rev. A Printed in U.S.A. 10/06

Basic Specifications

TELESCOPE	AT-G4	AT-G6
Overall length	192mm/7.7in.	193mm/7.7in
Image	Erect	Erect
Effective diameter lens	30mm	30mm
Magnification	26X	24X
Field of View	1°30'	1°30'
Resolving Power	3.5"	4.0"
Minimum Focus (m/ft.)	0.5/1.6	0.5/1.6
HORIZONTAL CIRCLE		
Dimiameter (mm/in.)	117/4.7	117/4.7
Minimum division	1°(1g)	1°(1g)
AUTOMATIC COMPENSATION MECHANISM		
Range	±15'	±15'
MEASURING ACCURACY		
1 km double run (mm/in.)	±2.0/0.08	±2.0/0.08
CIRCULAR LEVEL		
Sensitivity	8'/2mm	8'/2mm
OTHER		
Protection against water and dust (Based on the standard IEC60529)	IPX7	IPX7
WEIGHT		
Instrument (kgs./ lbs.)	1.6/3.5	1.6/3.5
Plastic carrying case (kgs./lbs.)	1.3/2.9	1.3/2.9



The Leader in Positioning Technology...

Topcon Positioning Systems is the worldwide leading developer and manufacturer of precision positioning equipment and offers the widest selection of innovative precision GPS systems, laser, optical surveying, and machine control products.



From open-field construction projects to isolated surveying sites and from rolling farmland to inner city utility projects, Topcon Positioning Systems provides innovative technology that provides a decidedly competitive edge to end-users.



The recognized innovative trend-setter in its industry, Topcon has focused on developing an array of integrated positioning and automation technologies to meet the constantly changing demands facing construction, surveying, agriculture, utilities and law enforcement industries worldwide.

Your local Authorized Topcon dealer is: