



Digital Angle Setter and Level

FAI RLANGLE

INSTRUCTION MANUAL

Please read and retain for future reference.

Product Features

- | | |
|--------------------------------------|--|
| 1. Fold-out angle leg | 10. End cap/battery cover |
| 2. Joint cover | 11. Milled contact edge |
| 3. Base leg | DISPLAY ELEMENTS |
| 4. ON/OFF button | a. Reading |
| 5. MITER button | b. Low battery (LOWBAT) indicator |
| 6. HOLD button | c. Mitre (MTR) indicator |
| 7. LCD Display | d. Hold (HOLD) indicator |
| 8. Spirit level for horizontal plane | |
| 9. Spirit Level for vertical plane | |

Preparation

INSERTING/REPLACING THE BATTERY (FIG. 2)

The digital Angle Setter is not supplied with a battery and one must be fitted before first use. Only use 9V PP3 batteries or one of the following equivalents MN1604, 6F22, 6LR61, 0068 or A1604.

To open the end cap/battery cover (10) undo and remove the two end cap retaining screws and pull the end cap out. Insert the battery in to its compartment and connect the terminal lead. Press the **ON/OFF** button and check that the LCD screen is functioning. Push the battery fully in to its compartment and refit the end cap. Your Angle Setter is now ready for use.

- When the 'LOW BAT' battery indicator (b) appears in the display for the first time, measurements are still possible but accuracy may be reduced, please replace the battery as soon as possible to avoid any costly errors.
- If the Angle Setter is not to be used for a prolonged period of time the battery should be removed, as it may discharge and corrode causing damage to the internal components.

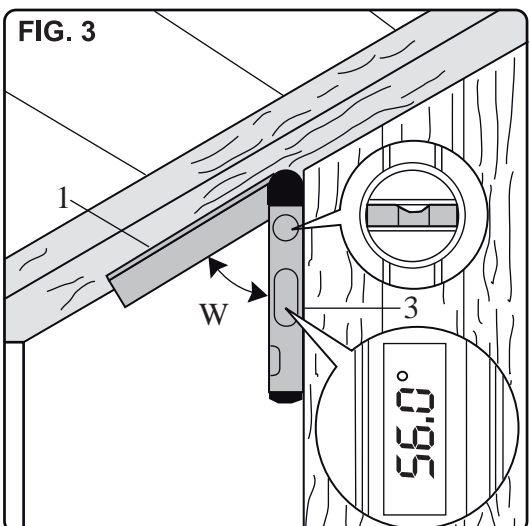
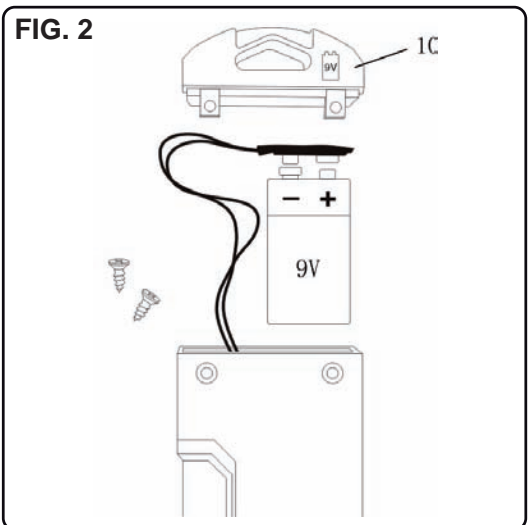
SWITCHING ON AND OFF

Press the **ON/OFF** button (4) to turn the Angle Setter on or off. After approximately 5 minutes without a button activation or an angle change, the Angle Setter will automatically shut itself off to preserve battery life.

Operation Instructions

MEASURING ANGLES (FIG. 3)

Position the fold-out leg (1) and the base leg (3) planes against the edges to be measured. The displayed reading corresponds with the internal angle (W) between the base leg and the fold-out leg. The reading is indicated on the LCD display until the legs are moved in relation to each other.



RETAINING THE MEASURED VALUE (HOLD)

The current reading can be retained in the display by pressing the **HOLD** button (6). When the hold mode is activated, 'HOLD' (d) is indicated in the LED display. The reading remains unchanged (even when the legs are moved in relation to each other) until the **HOLD** button (6) is pressed again.

TRANSFERRING A MEASURED ANGLE (FIG. 4)

Position the fold-out leg (1) and the base leg (3) planes against the edges to be measured. The displayed reading corresponds with the internal angle (W) between the base leg and the fold-out leg (Fig3). This measure can then be directly and accurately transferred by taking the Angle Setter to the new workpiece. When directly transferring a measured angle pay attention that the fold-out leg (1) and base leg (3) **ARE NOT MOVED** and that the **HOLD** mode is not activated.

CONVERTING A MEASURED ANGLE TO A MITRE ANGLE

Position the fold-out leg (1) and the base leg (3) planes against the edges to be measured. The displayed reading corresponds with the internal angle (W) between the base leg and the fold-out leg (Fig5). Press the **HOLD** button (6), to store the measured angle, the user can now activate the **MTR** (mitre) button (5). By pressing the **MTR** button (5), the Angle Setter will take the measured angle and convert it to the correct mitre cut angle (M). This measurement is the angle you need to set your mitre saw to in order to create the correct mitre angle cut (Fig5).

FIG. 4

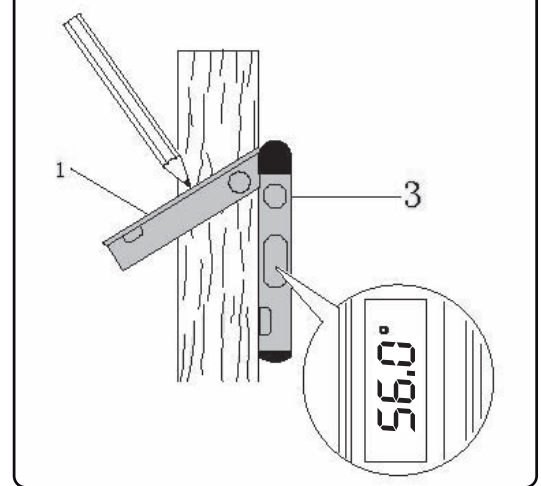
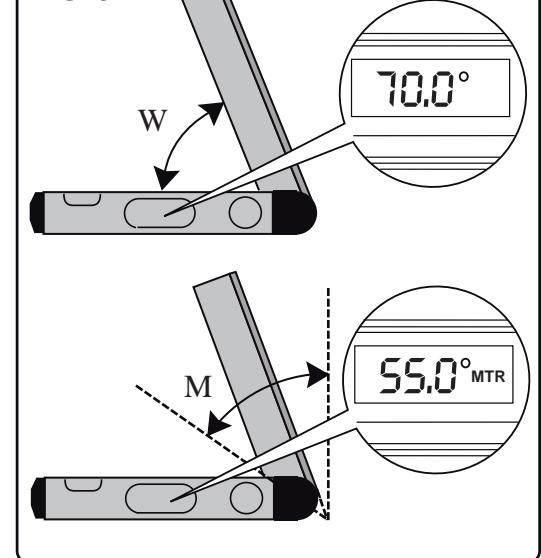


FIG. 5



Looking After your Digital Angle Finder

Caution: Handle the Angle Setter with care it is a precision measuring instrument. Dropping or banging the device may result in impaired function or future inaccurate readings.

Always keep the Angle Setter clean to ensure accurate measurements

Do not immerse the Angle Setter in water or other fluids.

Always clean using a moist and soft cloth.

Do not use any cleaning solvents.

Technical Data

Measuring range	0° to 220°
Measuring accuracy	
Angle	±0.5° (9mm/m)
Spirit Level	±0.029° (0.5mm/m)
Lowest indication unit	0.1°
Operating temperature	0°C to 50°C
Storage temperature	20°C to 85°C
Battery	1 x 9V (PP3) (Not Included)
Operating lifetime	Approx. 50h
Automatic switch off after approx	5 min

Disposal

The Angle Setter, accessories and packaging should be sorted for environment-friendly recycling.

ENVIRONMENTAL PROTECTION



Waste electrical products should not be thrown away with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.



ALWAYS WEAR SUITABLE PROTECTION

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