

OPERATING INSTRUCTIONS

-PRESS THE ON/OFF BUTTON

-CHOOSING ROTATION SPEED (REVOLUTIONS PER MINUTE (RPM))

-CHOOSE THE REQUIRED MODE. IT WILL BE INDICATED BY AN LED AND RETAINED IN THE MEMORY EVEN AFTER THE LASER HAS BEEN SWITCHED OFF

-0 = STOP MODE-THE ROTATING HEAD WILL NOT TURN AND THE LASER BEAM IS PERMANENTLY SWITCHED ON. THE BEAM CAN BE ALIGNED MANUALLY.

-50 = MANUAL MODE-THIS PROVIDES AN ADDITIONAL SPEED FOR WORKING WITHOUT A BEAM CATCHER.

-80 = MODE FOR BEAM CATCHER-THE BEAM CATCHER CAN BE USED FROM 3FT - 100FT, DEPENDING ON THE BRIGHTNESS OF THE SURROUNDINGS.

-300 = MODE FOR LASER DETECTOR-THE DETECTOR CAN BE USED FROM 6FT - 500FT. IT IS PARTICULARLY APPROPRIATE WHEN IT IS NO LONGER POSSIBLE TO WORK WITH THE BEAM CATCHER.

-WORKING WITH BEAM CATCHER

-SCANNING FUNCTION-HOLD THE BEAM CATCHER IN THE ROTATING LASER BEAM MOVING IT AT LEAST EVERY 5 SECONDS. THE LASER WILL FOLLOW THE BEAM CATCHER (6" - 55" BACK AND FORTH, DEPENDING ON THE DISTANCE FROM THE LASER). THE CATCHER WILL MAKE THE BEAM APPEAR MUCH BRIGHTER.

-SMART SCAN FUNCTION-HOLD BEAM CATCHER STILL IN THE ROTATING LASER BEAM FOR LONGER THAN 5 SECONDS

-STOP LASER LINE-THE LASER BEAM WILL STOP AT THE CHOSEN POINT AND PROJECT A LINE WITH A LENGTH OF 5.9" - 79" (DEPENDING ON THE DISTANCE) ACROSS THE BEAM CATCHER. THIS LEAVES BOTH HANDS FREE FOR INSTALLATION WORK.

-EXTEND LASER LINE (MAX. 180 DEGREES)-AT THE POINT WHERE THE LASER BEAM WAS STOPPED, THE LINE CAN THEN BE EXTENDED BY MOVING THE BEAM CATCHER IMMEDIATELY (WITHIN MAX. 3 SECONDS) IN THE DESIRED DIRECTION. THE LINE THUS INDICATES THE REFERENCE ACCURATELY AT ANY REQUIRED POINT IN THE PLANE OF ALIGNMENT.

-CANCELLING SMART SCAN FUNCTION-HOLD BEAM CATCHER IN THE LASER PLANE AGAIN. THE LASER BEAM WILL ROTATE AT THE SET SPEED.

-WORKING WITH THE LASER DETECTOR (ACCESSORY)-FOR DISTANCE OF UP TO 500FT OR UNFAVORABLE LIGHT CONDITIONS, THE DETECTOR CAN BE USED. THE LASER BEAM WILL BE INDICATED VISUALLY AND AUDIBLY.

-HORIZONTAL OPERATION-(1) MOUNT THE LASER APPROPRIATELY FOR THE APPLICATION.

(2)PRESS THE ON/OFF BUTTON. (3) THE X-AND Y-LEDS WILL SHOW GREEN. SHORTLY BEFORE LEVELLING IS ACHIEVED, THE LASER BEAM WILL SWITCH ON AND ROTATE (IN LAST MODE SELECTED).

-VERTICAL OPERATION-(1) DEPENDING ON THE APPLICATION, STAND THE LASER ON, FOR EXAMPLE, A LEVEL SURFACE AND LEVEL IT APPROXIMATELY WITH THE FOOT SCREWS (WITH THE AID OF THE SPIRIT LEVEL). (2) PRESS THE ON/OFF BUTTON. (3) THE X-LED WILL SHOW GREEN = X-AXIS IS AUTOMATICALLY PERPENDICULAR AND IS MONITORED. THE Y-LED WILL SHOW RED = Y-AXIS CAN BE ALIGNED MANUALLY WITH THE SERVO BUTTONS (LASER PLANE IN X-AXIS REMAINS PERPENDICULAR).

-INCLINATION/AXIS BUTTON-USED TO MANUALLY ALIGN THE X-AXIS AS WELL (X-LED WILL CHANGE TO RED). IF THE MANUAL MODE IS CHOSEN FOR THE X-AXIS AND THE Y-AXIS, THE LASER WILL NO LONGER BE MONITORED TO ENSURE IT REMAINS PERPENDICULAR IN THE X-AXIS. THE INCLINATION/AXIS BUTTON CAN BE PRESSED AGAIN TO TOGGLE BETWEEN X- AND Y-AXES AS NECESSARY. THE LASER HAS TO BE SWITCHED OFF AND ON AGAIN TO THE ORIGINAL MODE (X-LED = GREEN; Y-LED = RED).

NOTE IF MANUAL (X- AND/OR Y-) AXIS SETTING WAS THE LAST MODE USE, WITHIN 3 SECONDS OF SWITCHING THE LASER ON THE INCLINATION/AXIS BUTTON CAN BE PRESSED TO RETAIN THE LAST SETTING. OTHERWISE THE LASER WILL AUTOMATICALLY RETURN TO THE STANDARD MODE (X-LED = GREEN; Y-LED = RED).

-WORKING WITH INCLINATIONS- (1) MOUNT THE LASER APPROPRIATELY FOR THE APPLICATION. (2) THE X- AND Y-LEDS WILL SHOW GREEN. SHORTELY BEFORE LEVELLING IS COMPLETED, THE LASER BEAM WILL BE SWITCHED ON THE ROTATE (IN THE LAST MODE SELECTED).

-INCLINATION/AXIS BUTTON-USED TO SET THE INCLINATION OF THE X- OR Y-AXIS MANUALLY (X- OR Y-LED WILL CHANGE TO RED). IF THE MANUAL MODE IS SELECTED FOR THE X- AND Y-AXES, THE LASER IS NO LONGER MONITORED TO ENSURE IT REMAINS LEVEL. THE INCLINATION/AXIS BUTTON CAN BE PRESSED AGAIN TO TOGGLE BETWEEN X- AND Y-AXES AS NECESSARY. THE LASER HAS TO BE SWITCHED OFF AND ON AGAIN TO RETURN TO THE ORIGINAL MODE (X-LED = GREEN; Y-LED = GREEN).

-NOTE-IF MANUAL (X- AND/OR Y-) AXIS SETTING WAS THE LAST MODE USED, WITHIN 3 SECONDS OF SWITCHING THE LASER ON THE INCLINATION/AXIS BUTTON CAN BE PRESSED TO CONFIRM THAT THE LAST SETTING SHOULD BE RETAINED. OTHERWISE THE LASER WILL AUTOMATICALLY RETURN TO THE STANDARD MODE (X-LED = GREEN; Y-LED = RED).