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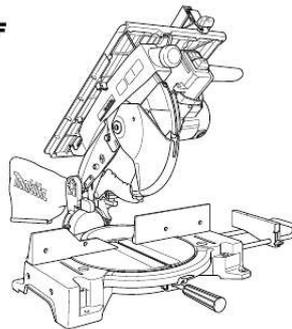
You can read the recommendations in the user guide, the technical guide or the installation guide for MAKITA LH1040. You'll find the answers to all your questions on the MAKITA LH1040 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual MAKITA LH1040
User guide MAKITA LH1040
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Instruction manual MAKITA LH1040



GB Table Top Miter Saw	Instruction Manual
F Scie à onglets à table supérieure	Manuel d'instructions
D Universal-Kapp- und Gehrungssäge	Betriebsanleitung
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E Sierra de inglete con banco	Manual de instrucciones
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LH1040
LH1040F



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Manual abstract:

@@@Do not place hand or fingers close to the blade. For your safety, remove chips, small pieces, etc. From the table top before operation. @@@@
Note: Specifications may differ from country to country. Intended use The tool is intended for accurate straight cutting and (only when used as a miter saw on the lower table) miter cutting in wood. Power supply The tool should be connected only to a power supply of the same voltage as indicated on the nameplate, and can only be operated on single-phase AC supply. They are double-insulated in accordance with European Standard and can, therefore, also be used from sockets without earth wire. Safety hints For your own safety, please refer to the enclosed safety instructions. For both miter saw mode and table saw (bench saw) mode: Wear eye and hearing protection. Other suitable personal protective equipment should be worn.

NEVER wear gloves during operation except for replacing saw blades or handling rough material before operation. Keep the floor area around the tool level well maintained and free of loose materials e. Do not operate saw without guards and riving knife in place. Check blade guards for proper closing before each use. Do not operate saw if blade guards do not move freely and close instantly.

Never clamp or tie the blade guards into the open position. Any irregular operation of the blade guards should be corrected immediately. Clean and be careful not to damage the spindle, flanges (especially the installing surface) and hex bolt before or when installing the blade. Damage to these parts could result in blade breakage. Poor installation may cause vibration/ wobbling or slippage of the blade.

Use only flanges specified for this tool. Check the blade carefully for cracks or damage before operation. Do not use saw blade which are damaged or deformed. Use only saw blades recommended by the manufacturer and which conform to EN847-1, and observe that the riving knife must not be thicker than the width of the cut by the saw blade and not thinner than the body of the blade. Always use accessories recommended in this manual. Use of improper accessories such as abrasive cut-off wheels may cause an injury. select the correct saw blade for the material to be cut. Do not use saw blades manufactured from high speed steel. To reduce the emitted noise, always be sure that the blade is sharp and clean. Use correctly sharpened saw blades.

Observe the maximum speed marked on the saw blade. do not cut metals such as nails and screws. Inspect for and remove all nails, screws and other foreign matter from the workpiece before operation. Knock out any loose knots from workpiece BEFORE beginning to cut. For your safety, remove the chips, small pieces, etc. From the work area and table top before plugging the tool and starting operation. Keep hands and make your bystander and yourself position out of path of and not in line with saw blade. avoid contact with any coasting blade. It can still cause severe injury and never reach around saw blade. 19.

Be alert at all times, especially during repetitive, monotonous operations. Don't be lulled into a false sense of security. Make sure the shaft lock is released before the switch is turned on. 21. Before using the tool on an actual workpiece, let it run for a while.

Watch for vibration or wobbling that could indicate poor installation or a poorly balanced blade. 22. Wait until the blade attains full speed before cutting. 23. The tool should not be used for slotting, rabbetting or grooving.

24. Refrain from removing any cut-offs or other parts of the workpiece from the cutting area whilst the tool is running and the saw head is not in the rest position. 25. Stop operation immediately if you notice anything abnormal. 26. Turn off tool and wait for saw blade to stop before moving workpiece or changing settings. 27. Unplug tool before changing blade, servicing or not in use. 28. Some dust created from operation contains chemicals known to cause cancer, birth defects or other reproductive harm.

Some examples of these chemicals are: - lead from lead-based-painted material and, - arsenic and chromium from chemically-treated lumber. Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles. When using in miter saw mode: 30. Do not use the saw to cut other than wood, aluminum or similar materials. 31. Do not perform operation freehand when cutting workpiece in an area close to saw blade. The workpiece must be secured firmly against the turn base and guide fence during all operations. 32. Make sure that the turn base is properly secured so it will not move during operation.

33. Make sure that the arm is securely fixed when beveling. Make sure the blade does not contact the turn base in the lowest position and is not contacting the workpiece before the switch is turned on. Be aware that the saw moves up or down slightly during start-up and stopping. Always be sure that the tool is switched off and unplugged before adjusting or checking function on the tool.

Make sure that the handle cannot be lowered without pushing the lever nearby the handle to the left. Make sure that the lower blade guards A and B dose not open unless the lever near the handle is pushed at the topmost position of the handle. When lowering the handle while pushing the lever to the left, the lower blade guard A rises automatically. The lower blade guard B rises as it contacts a workpiece. The lower blade guards are spring loaded so it returns to its original position when the cut is completed and the handle is raised.

The top blade guard falls flat on the top surface after workpiece has passed under it. NEVER DEFEAT OR REMOVE THE LOWER BLADE GUARDS, THE SPRING WHICH ATTACHES TO THE LOWER BLADE GUARD, OR THE TOP BLADE GUARD. In the interest of your personal safety, always maintain each blade guard in good condition. Any irregular operation of the guards should be corrected immediately. Check to assure spring loaded return action of the lower blade guards. If any of these see-through blade guards becomes dirty, or sawdust adheres to it in such a way that the blade is no longer easily visible, unplug the saw and clean the guards carefully with a damp cloth. Do not use solvents or any petroleum-based cleaners on the plastic guard. If the lower blade guard A is especially dirty and vision through the guard is impaired, proceed as follows. Fix the top table at the fully elevated position, raise the handle fully, push in fully the stopper pin with the handle fully raised, and use the supplied socket wrench to loosen the hex bolt holding the center cover.

Loosen the hex bolt by turning it counterclockwise and raise the lower blade guard A and center cover while pushing the lever to the left.

With the lower blade guard A so positioned, cleaning can be more completely and efficiently accomplished.



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If the handle is pressed down with force or if lateral force is applied, the blade will vibrate and leave a mark (saw mark) in the workpiece and the precision of the cut will be impaired. The vertical vise can be installed in two positions on either the left or right side of the guide fence or the holder assembly (optional accessory). Insert the vise rod into the hole in the guide fence or the holder assembly and tighten the screw to secure the vise rod. position the vise arm according to the thickness and shape of the workpiece and secure the vise arm by tightening the screw. If the screw to secure the vise arm contacts the guide fence, install the screw on the opposite side of vise arm. Make sure that no part of the tool contacts the vise when lowering the handle all the way. if some part contacts the vise , re-position the vise. Press the workpiece flat against the guide fence and the turn base. The workpiece must be secured firmly against the turn base and guide fence.

39) Secure the workpiece against guide fence and turn table. Switch on the tool without the blade making any contact and wait until the blade attains full speed before lowering. Then gently lower the handle to the fully lowered position to cut the workpiece. When the cut is completed, switch off the tool and **WAIT UNTIL THE BLADE HAS COME TO A COMPLETE STOP** before returning the blade to its fully elevated position. 40) Loosen the lever and tilt the saw blade to set the bevel angle (Refer to the previously covered "Adjusting the bevel angle"). be sure to retighten the lever firmly to secure the selected bevel angle safely. Secure the workpiece against guide fence and turn table. Make sure the carriage is pulled all the way back toward the operator. Switch on the tool without the blade making any contact and wait until the blade attains full speed. Then gently lower the handle to the fully lowered position while applying pressure in parallel with the blade.

When the cut is completed, switch off the tool and **WAIT UNTIL THE BLADE HAS COME TO A COMPLETE STOP** before returning the blade to its fully elevated position. **CAUTION:** · Always be sure that the blade will move down to bevel direction during a bevel cut. Keep hands out of path of saw blade. During a bevel cut, it may create a condition whereby the piece cut off will come to rest against the side of the blade. If the blade is raised while the blade is still rotating, this piece may be caught by the blade, causing fragments to be scattered which is dangerous.

The blade should be raised **ONLY** after the blade has come to a complete stop. When pressing the handle down, apply pressure parallel to the blade. If the pressure is not parallel to the blade during a cut, the angle of the blade might be shifted and the precision of the cut will be impaired. Compound cutting Compound cutting is the process in which a bevel angle is made at the same time in which a miter angle is being cut on a workpiece. 41) When securing aluminum extrusions, use spacer blocks or pieces of scrap as shown in the figure to prevent deformation of the aluminum.

Use a cutting lubricant when cutting the aluminum extrusion to prevent buildup of the aluminum material on the blade. **CAUTION:** · Never attempt to cut thick or round aluminum extrusions. Thick aluminum extrusions may come loose during operation and round aluminum extrusions cannot be secured firmly with this tool. Never cut aluminum in the table saw mode (bench mode). Wood facing Use of wood facing helps to assure splinter-free cuts in workpieces. Attach a wood facing to the guide fence using the holes in the guide fence. See the figure concerning the dimensions for a suggested wood facing. Use straight wood of even thickness as the wood facing. Use screws to attach the wood facing to the guide fence. The screws should be installed so that the screw heads are below the surface of the wood facing.

When the wood facing is attached, do not turn the turn base with the handle lowered. 42) When cutting several pieces of stock to the same length, ranging from 240 mm to 400 mm, use of the set plate will facilitate more efficient operation. install the set plate on the holder as shown in the figure. Align the cutting line on your workpiece with either the left or right side of the groove in the kerf board, and while holding the workpiece from moving, move the set plate flush against the end of the workpiece. Then secure the set plate with the screw. When the set plate is not used, loosen the screw and turn the set plate out of the way. Make auxiliary fence from 10 mm and 15 mm plywood pieces. Remove the rip fence, clamping screw (A), flat washer and square nut from the rip fence holder and then attach and secure the auxiliary fence to the rip fence holder by using a bolt M6 longer than M6 x 50, washers and nut. When cutting long or large workpieces, always provide adequate support behind the table. **DO NOT** allow a long board to move or shift on the table.

Adjust the depth of cut a bit higher than the thickness of the workpiece. To make this adjustment, loosen two levers and lower or raise the top table. Before ripping, make sure the two screws of the rip fence holder are secured. If it is not secured enough, retighten it. 3. Turn the tool on and gently feed the workpiece into the blade along with the rip fence. (1) When the width of rip is 40 mm or wider, use a push stick. (Fig. 47) (2) When the width of rip is narrower than 40 mm, the push stick cannot be used because the push stick will strike the top blade guard. Use the auxiliary fence and push block.

install securely the auxiliary fence which is secured to the rip fence holder on the table. Feed the workpiece by hand until the end is about 25 mm from the front edge of the top table. Continue to feed using the push block on the top of the auxiliary fence until the cut is complete. When using the tool in the table saw mode (bench mode), place the blade cover on the turn table so that the blade cover is centered over the slit for the blade entrance in the turn table and two small bosses on the underside of the blade cover fit into the semi-circular slit in the periphery of the turn table as shown in the figure and then lock the handle in the lowest position by fully pushing in the stopper pin. Always use "work helpers" such as push sticks and push blocks when there is a danger that your hands or fingers will come close to the blade. If you must withdraw the workpiece before completing a cut, first switch the tool off while holding the workpiece firmly. Wait until the blade has come to a complete stop before withdrawing the workpiece. Failure to do so may cause dangerous kickbacks.

NEVER place your hands or fingers in the path of the saw blade. Always secure the rip fence firmly, or dangerous kickbacks may occur.

Secure the blade at 0° bevel angle and the turn base at left miter angle fully. Lower the handle fully and lock it in the lowered position by fully pushing in the stopper pin. , you can carry the tool more easily.



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Always secure all moving portions before carrying the tool. Push sticks, push blocks or auxiliary fence are types of "work helpers". Use them to make safe, sure cuts without the need for the operator to contact the blade with any part of the body. Use a 15 mm piece of plywood. Handle should be in center of plywood piece. Fasten with glue and wood screws as shown. Small piece 10 mm x 9 mm x 30 mm of wood must always be glued to plywood to keep the blade from dulling if the operator cuts into push block by mistake.

(Never use nails in push block. Always be sure that the tool is switched off and unplugged before attempting to perform inspection or maintenance. **wARNING:** · Always be sure that the blade is sharp and clean for the best and safest performance. Replace when they wear down to the limit mark. Keep the carbon brushes clean and free to slip in the holders.

Both carbon brushes should be replaced at the same time. Take out the worn carbon brushes, insert the new ones and secure the brush holder caps. This tool is carefully adjusted and aligned at the factory, but rough handling may have affected the alignment. If your tool is not aligned properly, perform the following: 1. Miter angle Loosen the grip which secures the turn base.

@@@@@@@ (Fig. 53) Carefully square the side of the blade with the top surface of the turn base using the triangular rule, try-square, etc. 54) Make sure that the pointer on the turn base point to 0° on the bevel scale on the arm. If it does not point to 0°, loosen the screw which secures the pointer and adjust the pointer so that it will point to 0°. To adjust left 45° bevel angle, loosen the lever and tilt the blade to the left fully. make sure that the pointer on the arm points to 45° on the bevel scale on the arm. If the pointer does not point to 45°, turn the 45° bevel angle adjusting bolt on the left side of the arm until the pointer points to 45°. After use, wipe off chips and dust adhering to the tool with a cloth or the like. Keep the blade guard clean according to the directions in the previously covered section titled "Blade guard". Lubricate the sliding portions with tool oil to prevent rust.

To maintain product SAFETY and RELIABILITY, repairs, any other maintenance or adjustment should be performed by Makita Authorized Service Centers, always using Makita replacement parts. These accessories or attachments are recommended for use with your Makita tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. Only use accessory or attachment for its stated purpose. If you need any assistance for more details regarding these accessories, ask your local Makita service center. Steel & Carbide-tipped saw blades Auxiliary plate Vise assembly (Horizontal vise) Vertical vise Socket wrench 13 Holder set Holder assembly Holder rod assembly Set plate Dust bag Triangular rule Blade cover (Blade guard C) Push stick Ruler assembly (Rip fence) Pour placer le garde parallèle autrement, retirez-le de son support en desserrant la vis de serrage (A) et modifiez son orientation dans le support en fonction du type de coupe à effectuer, tel qu'indiqué sur l'illustration. insérez l'écrou carré du support de garde parallèle dans l'extrémité arrière d'une des fentes, de sorte qu'ils s'ajustent de la façon illustrée. Pour passer du type d'installation A ou B au type d'installation C ou D, ou vice-versa, retirez l'écrou carré, la rondelle et la vis de serrage (A) du support de garde parallèle, puis placez la vis de serrage (A), la rondelle et l'écrou carré sur la position opposée du support de garde parallèle par rapport à la position initiale. Retirez le garde parallèle, la vis de serrage (A), la rondelle plate et l'écrou carré du support de garde parallèle, puis installez et immobilisez le garde auxiliaire sur le support de garde parallèle au moyen d'un boulon M6 plus long que M6 x 50, de rondelles et d'un écrou. Den horisontala tvingen kan monteras till vänster eller till höger på sågbordet.

We declare under our sole responsibility that this product is in compliance with the following standards of standardized documents, EN61029, EN55014, EN61000 in accordance with Council Directives, 73/23/EEC, 89/336/EEC and 98/37/EC. Certificate of adequacy of the technical file with respect to 98/37/EC having been obtained from the following notified body: Intertek SEMKO AB, Torshamnsgatan 43, Box 1103, SE-164 22 Kista, Sweden The typical A-weighted noise levels are sound pressure level: 92 dB (A) sound power level: 105 dB (A) Wear ear protection. The typical weighted root mean square acceleration value is not more than 2. .



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