

**DEKO®****EN****INSTRUCTION MANUAL
DRYWALL SANDER
MODEL NO.: DKWP180CDG**

See page 1



**⚠ IMPORTANT: Read this instruction manual before operating this product.
Keep the instruction manual for future reference.**



DEKO TOOLS CO., LIMITED
www.dekools.com Made in China

General Power Tool Safety Warnings

⚠ WARNING: Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) Work area safety

- a) **Keep work area clean and well lit.** *Cluttered or dark areas invite accidents.*
- b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** *Power tools create sparks which may ignite the dust or fumes.*
- c) **Keep children and bystanders away while operating a power tool.** *Distractions can cause you to lose control.*

2) Electrical safety

- a) **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** *Unmodified plugs and matching outlets will reduce risk of electric shock.*
- b) **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** *There is an increased risk of electric shock if your body is earthed or grounded.*
- c) **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*
- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** *Damaged or entangled cords increase the risk of electric shock.*
- e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** *Use of a cord suitable for outdoor use reduces the risk of electric shock.*
- f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** *Use of an RCD reduces the risk of electric shock.*

3) Personal safety

- a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** *A moment of inattention while operating power tools may result in serious personal injury.*
- b) **Use personal protective equipment. Always wear eye protection.** *Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.*
- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** *Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.*
- d) **Remove any adjusting key or wrench before turning the power tool on.** *A wrench or a key left attached to a rotating part of the power tool may result in personal injury.*
- e) **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*
- f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** *Loose clothes, jewellery or long hair can be caught in moving parts.*
- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** *Use of dust collection can reduce dust-related hazards.*
- h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** *A careless action can cause severe injury within a fraction of a second.*

4) Power tool use and care

- a) **Do not force the power tool. Use the correct power tool for your application.** *The correct power tool will do the job better and safer at the rate for which it was designed.*
- b) **Do not use the power tool if the switch does not turn it on and off.** *Any power tool that cannot be controlled with the switch is dangerous and must be repaired.*
- c) **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** *Such preventive safety measures reduce the risk of starting the power tool accidentally.*
- d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** *Power tools are dangerous in the hands of untrained users.*
- e) **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** *Many accidents are caused by poorly maintained power tools.*
- f) **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
- g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the power tool for operations different from those intended could result in a hazardous situation.*

h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

5) Service

a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the power tool is maintained.*

Safety Rules for Sanders







- 1) **Disconnect the sander from power source before changing accessories.** *Accidental start-ups may occur if the sander is plugged in changing an accessory.*
- 2) **Use clamps or other practical way to secure and support the workpiece to a stable platform.** *Holding the work by hand or against your body is unstable and may lead to loss of control.*
- 3) **If your tool is equipped with a dust bag, empty it frequently and after completion of sanding.** *Be extremely careful of dust disposal, materials in fine particle form may be explosive. Do not throw sanding dust on an open fire. Spontaneous combustion, may in time, result from mixture of oil or water with dust particles.*
- 4) **Always wear eye protection and a dust mask for dusty applications and when sanding overhead.** *Sanding particles can be absorbed by your eyes and inhaled easily and may cause health complications.*
- 5) **Use special precautions when sanding chemically pressure treated timber paint that may be lead based or any other materials that may contain carcinogens.** *A suitable breathing respirator and protective clothing must be worn by all persons entering the work area. Work area should be sealed by plastic sheeting and persons not protected should be kept out until work area is thoroughly cleaned.*
- 6) **Remove dust and other waste matter in an environmentally safe way**
- 7) **Do not wet sand with this sander.** *Liquids entering the motor housing are an electrical shock hazard.*
- 8) **Do not use sandpaper intended for larger sanding or pads.** *Larger sandpaper will extend beyond the sanding pad causing snagging or tearing of the paper or kick-back. Extra paper extending beyond the sanding pad can also cause serious lacerations.*
- 9) **Keep handles dry, clean and free from oil and grease.** *Slippery hands cannot safely control the power tool.*

Special Safety Warnings for Drywall Sander

- 1) **Do not control the machine's head.**
- 2) **Hold the machine with both hands.**
- 3) Before operating the machine, make sure every fastening handle is closed.
- 4) Connect the machine to the main power supply.
- 5) Before switching on the machine, keep the sanding head slightly away from the work surface.
- 6) Start the machine for necessary sanding work.
 - a) Operate the machine with short length in narrow and awkward area.
 - b) Run the machine with medium length for higher walls.
 - c) Use the machine with longest length for ceilings.
- 7) **Do not over-press machine so that to avoid overloading!** Press with proper pressure for better grinding effects. Good grinding effects and quality are mainly decided by choosing the right abrasive material.
- 8) Once finishing the sanding task, switch off the machine.
- 9) **Use proper extension cord:** Only use a approved extension cable that is suitable for the machine's power. The cord must have a diameter of at least 1.5mm². When the extension cable is on a reel, unroll the cable in its entirety.
- 10) Switch off the machine immediately in case of:
 - a) Malfunction in the mains plug, power cable or damaging of cable.
 - b) Broken switch.
 - c) Smoke or stench of scorched insulation.

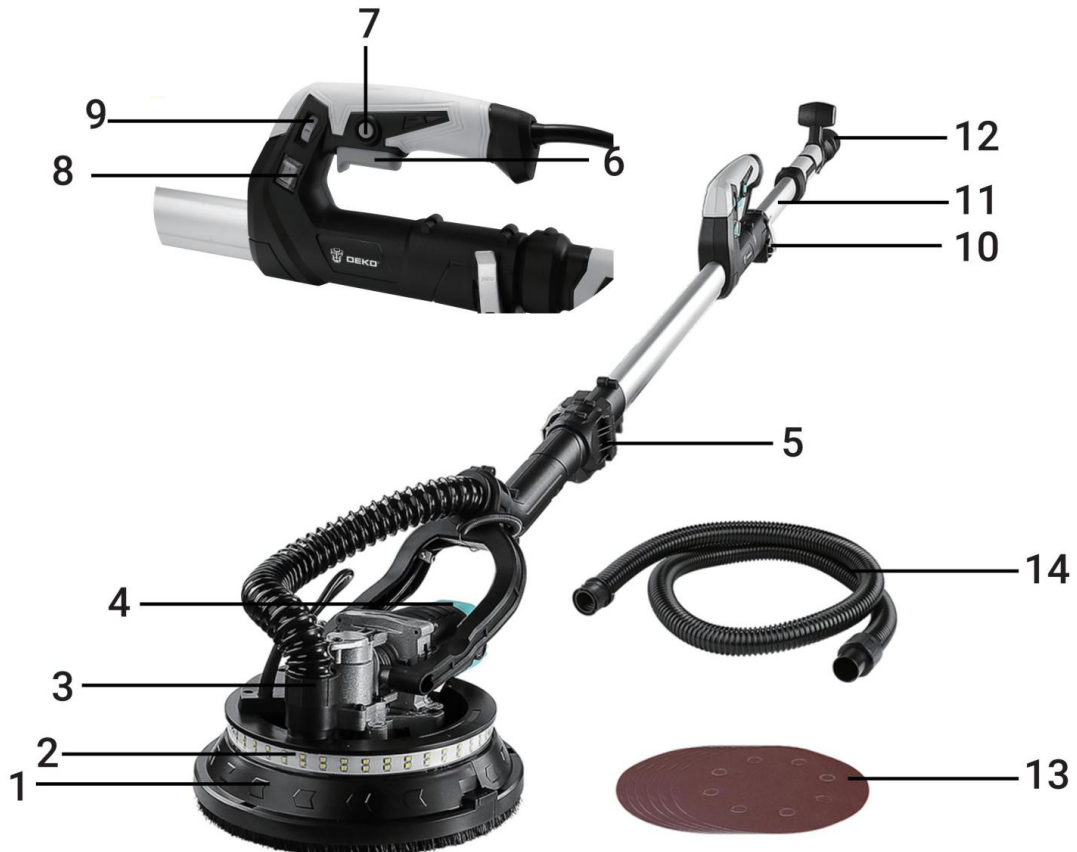
Symbol Explanation

In this manual and/or on the machine the following symbols are used:

	<p>Denotes risk of personal injury or damage to the tool.</p>
	<p>Read instruction manual before use.</p>
	<p>Conforms to relevant legislation and safety standards.</p>
	<p>Do not dispose of power tools and batteries/rechargeable batteries into household waste! Dispose the products according to the regulation and requirement of local council.</p>
	<p>Double insulation. Class II device. The device must not be earthed.</p>
	<p>Wear hearing protection. Wear eye protection. Wear breathing protection.</p>

Product Description

Structure view



- 1 Plastic cover
- 2 LED strip light

- 3 Interface for suction pipe
- 4 Motor
- 5 Handle fold button
- 6 On/off switch
- 7 Lock-on button
- 8 LED light switch
- 9 Speed controller
- 10 Extension rod button
- 11 Extension rod
- 12 Dust outlet
- 13 Sandpaper
- 14 Dust collection hose

Technical data

Rated Voltage/Frequency	230-240V~50Hz
Input Power	800W
No-Load Speed	1000-2100rpm
Sanding Pad Diameter	Φ210mm
Sanding Paper Diameter	Φ215mm
Tube Diameter	35mm
Protection Class	IP/II

Intended Use

The machine is designed for sanding drywall, ceilings and walls of the inner and outer surfaces, clearing the floor residues, paint coatings, adhesive and loose plaster etc.

Our machine is not suitable for processing the object containing asbestos.

⚠ WARNING: You must abide by certain safety precautions when using the equipment. In order to prevent injuries and damages from occurring, you must always read through this operating manual carefully.

Operation

⚠ WARNING: Before setting up, repair or maintenance of the appliance you must always turn off the operating switch and pull out the mains plug!

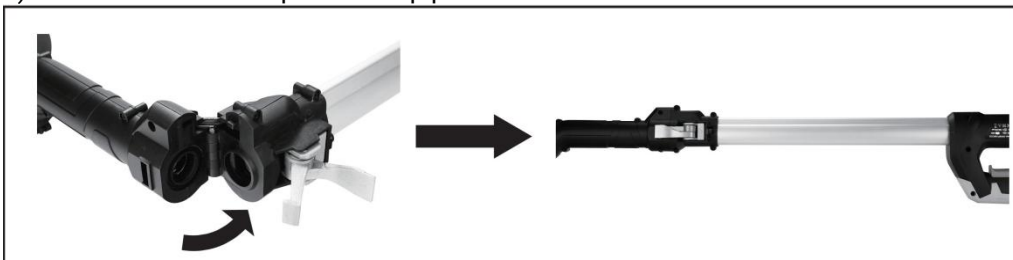
Before initial operation

- a) Check if the rated frequency of the mains supply corresponds to the details of the type place.
- b) Before using the tool, read the instruction book carefully.
- c) Attach suitable sandpaper to the sanding pad.
- d) Assemble the handle pipe according to the instructions below:

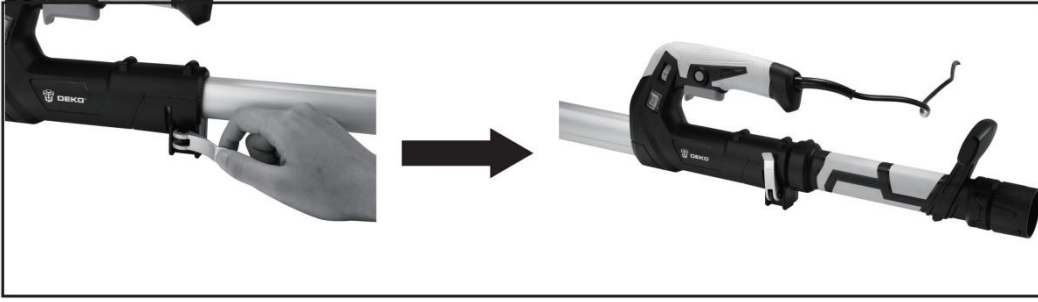
- 1) This is how the device is placed in the packaging:



- 2) Assemble the lower part of the pipe as shown below:



- 3) Insert the upper part of the telescopic tube into the already assembled part of the tube. Set the correct length, then turn the lock nut clockwise and lock it.



On/off switch

- a) First fit a suitable sandpaper on the tool.
- b) Connect the mains plug to a suitable socket.
- c) Position the sander in the position you wish to sand.

To switch on:

Press the ON/OFF switch (6)

Continuous operation:

Secure the ON/OFF switch (6) with the lock-on button (7).

To switch off:

Press the ON/OFF switch (6) briefly.

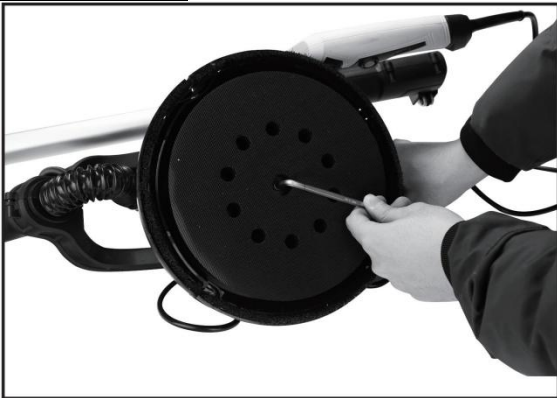
Speed control

Adjust the speed from 1000-2100rpm by turning the speed wheel [1-6]. In this way, users can choose speed for different sanding surface.

Replace the sanding pad

- a) Disconnect the device from the power supply.
- b) Remove the sandpaper.
- c) Inset the hex wrench (size 5) into the hexagonal screw bolt on the sanding pad.
- d) Hold the sanding pad firmly, and then turn the wrench to dismount the pad.
- e) Install the new sanding pad on the back disc and then tighten the bolt.

⚠ WARNING: Only install the specified sanding pad on the machine.



Stick the sanding paper to the pad

Please ensure the holes on the sanding paper to fit the holes on the pad accurately.



LED function

This drywall sander comes with a LED light around the edge of the main body, the LED light is controlled by the

switch (8) for LED strip light. The light can help users lighten the sanding details. And the light can only be turned on if the machine is connected to a power source.

360° rotatable sanding cover

The plastic cover can be rotated at 360 degrees to sand any direction.



Grinding adjacent edges

Detachable brush segment can reach up to the adjacent edge with ease.



To sand the ceiling

Lift the grinding machine head, the tensile spring hook head makes the grinding easier.

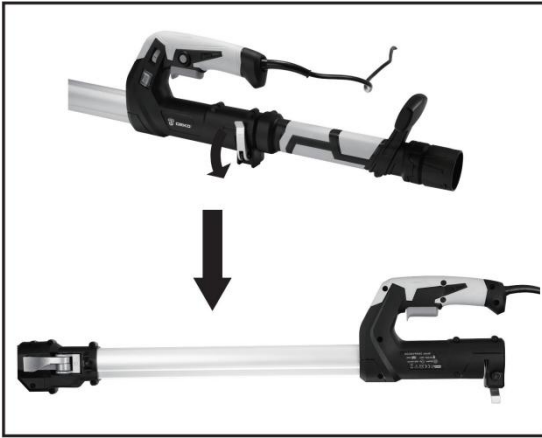
To change the dust hose

- a) Counterclockwise rotation of the dust hose.
- b) Take out the dust hose.



Disassemble the extension rod

When disassembling the extension rod, please must press the limited knob, then take out the extension rod.



Dust collection

The dust collection hose (14) can be installed to either the main shaft of the drywall sander or the telescopic extension. Users can also connect a vacuum hose if the diameter is suitable.

Maintenance and Troubleshooting

⚠ WARNING: Remove the plug from the socket before carrying out any adjustment, servicing or maintenance. Your power tool requires no additional lubrication or maintenance. Always store your power tool in a dry place. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Cleaning

- a) Keep the safety devices, ventilation slots and motor housing as free of dirt and dust as possible. Clean the unit by rubbing it with a clean cloth or blow it clean with low-pressure compressed air.
- b) We recommend that you always clean the unit immediately after using it.
- c) Clean the unit regularly by rubbing it with a damp cloth and a little soft soap. Do not use cleaners or solvents; these will attack the plastic parts in the unit. You must also ensure that water cannot get into the inside of the unit.

Carbon brush

If excessive sparking occurs, you must have the carbon brushes checked by a qualified electrician.

⚠ WARNING: Only a qualified electrician is allowed to change the brushes.

Troubleshooting

Problem	Cause	Remedy
The operating switch is switched on, but the motor is not working.	1) Wires in the mains plug or in the socket are loose. 2) The switch is faulty.	1) Have socket and plug checked or repaired. 2) Have the switch replaced.
The operating switch is switched on, but unusual noises can be heard, the motor is not working or only very slowly.	1) Switch contact has failed. 2) Component jammed. 3) Too much thrust, as a result the motor is dragging.	1) Have the switch replaced. 2) Have the electric tool checked or repaired. 3) Use less thrust during task.
Motor gets hot.	1) Foreign substances have got inside the motor. 2) Lack of or contaminated lubrication grease. 3) Pressure too high.	1) Have the foreign substances removed. 2) Have lubricating grease applied or replaced. 3) Use less thrust during the task.
Frequent or strong sparks on the commutator.	1) Short circuit on the armature. 2) Carbon brush worn out or jammed. 3) Rough running of the commutator.	1) Have the armature replaced. 2) Have the carbon brushes checked. 3) Have the surface of the commutator cleaned or ground.

Disposal



The machine and packaging should be sorted for environmental-friendly recycling. Do not dispose of power tools into household waste! Please recycle them at collection points provided for the purpose. Ask your local authority for information about recycling.