

CLIPPER

HARMONY PLUS



INSTRUCTIONS FOR USE

PROFESSIONAL
HORSE CLIPPER

LIVERYMAN 

LIVERYMAN.CO.UK

INSTRUCTION MANUAL FOR HARMONY PLUS TRIMMER

IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this appliance

Please Note: A copy of these instructions can be downloaded by visiting our website at www.liveryman.co.uk

This appliance is designed to be used in commercial areas.

DANGER

To reduce the risk of electric shock: Do not reach for an appliance that has fallen into water. Unplug immediately from receptacle. Unplug this appliance before cleaning.

Do not use while bathing or in a shower.

Do not place or store appliance where it is able to fall or be pulled into a tub or sink. Do not place in or drop into water or other liquid.

Do not use this appliance with a damaged or broken comb, as it has the potential to result in facial injury.

WARNING

- Keep the appliance dry.

WARNING

To reduce the risks of burns, fire, electric shock, or injury to persons: Close supervision is required when this appliance is used by, on, or near children, or persons with limited physical, sensory, or mental capabilities or invalids. Use this appliance only for its intended use as describe in this manual. Do not use attachments not specified by the manufacturer. Never operate this appliance when it has a damaged cord or plug, when it is not working properly, after it has been dropped or damaged, or after it has been dropped into water. Return the appliance to a service centre for examination and repair.

WARNING

This appliance is intended for animal clipping and trimming purposes only. Use only on clean dry hair.

WARNING

During use, do not place or leave the appliance where it is expected to be: subject to damage by an animal, or exposed to weather.

WARNING

Cutting blades may become hot after prolonged use.

WARNING

- For the purposes of recharging the battery, only use the detachable supply unit provided with this appliance. Charging must be carried out indoors and in a dry place.
- The appliance is not intended for use by persons (including children) with reduced

physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- Children should be supervised to ensure that they do not play with the appliance.
- Animal clipper can be used by children aged from 3 years under supervision.
- Animal clippers can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- Keep the cord away from heated surfaces. Do not pull, twist or wrap the cord.
- Do not use operate where aerosol (spray) products are being used or where oxygen is being administered.
- Always attach plug to appliance first, then to outlet. To disconnect, turn all controls to off position (e.g. "0") then remove plug from outlet.

SAVE THESE INSTRUCTIONS

To ensure you achieve the best possible results from your clipper please read the following instructions carefully before use.

SPECIFICATIONS

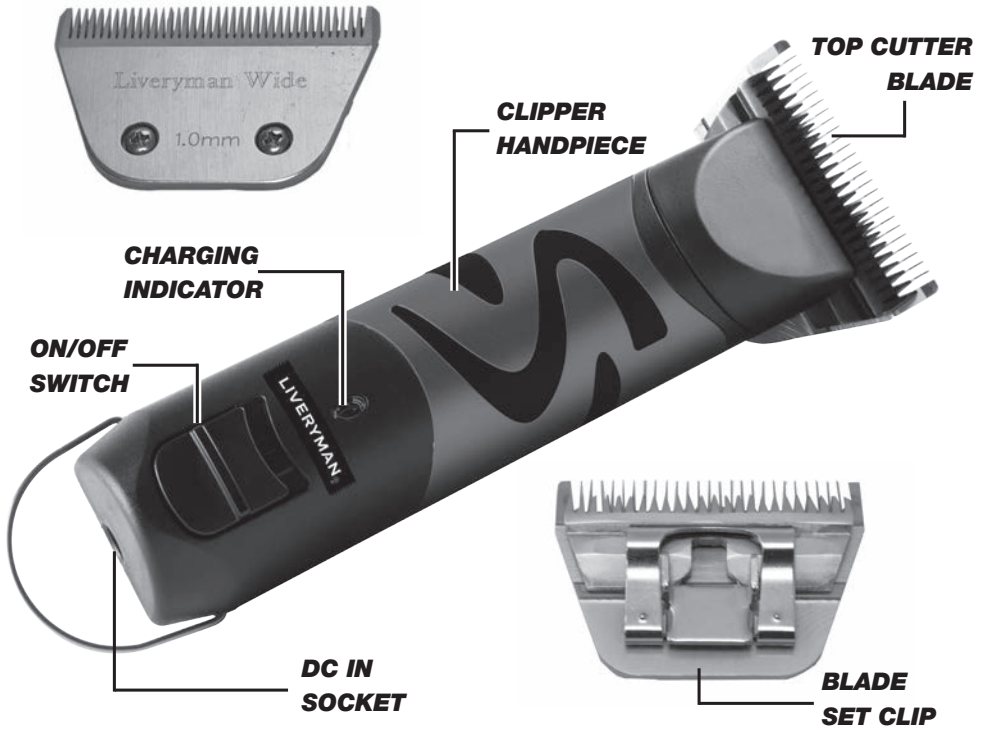
Charging time:	2.5 hours
Operation time:	90 minutes
Weight:	490 grams
Available blade:	A5.Wide: 15W, 10W, 10W fine. Narrow: 40, 30, 15, 10, 9, 8.5, 7 skip teeth, 7F, 5 skip teeth, 5F, 4F, 4 skip teeth, 3/4, 3/4F skip teeth

- The A-weighted sound pressure level is below 70 dB.
- Use only with accessories included in the package, or recommended by the manufacturer.
- Except when charging, always unplug from the electrical socket after use.
- Keep away from water or any detergent.
- The charger adaptor must be kept dry at all times

Should the following situations occur, unplug and switch off immediately, and send for examination or repair:

1. The blade, main unit, power cord or attachment comb is damaged.
2. The clipper or the adapter is dropped into water.
3. The clipper is switched off, but the charging indicator does not light up when plugged into the power source.

The clipper and accessories must be checked regularly for damage. If damage is detected, do not put the device into operation.



IMPORTANT NOTICE

REPLACE THE BLADE

1. To replace blades insert the tongue into the blade socket. Align the square cut out in the top cutter blade with the black drive lever and push together.



BLADE

1. The blade must be lubricated before and after each use. This will maintain it in good condition and will extend its service life.
2. Non-stop usage for hours may cause overheating of blades, reducing the cutting performance and shortening their life. Should the blades overheat, switch the unit off for a few minutes to let it cool down and lubricate the blades.
3. Hair must be clean and dry before cutting. Foreign matter hidden in the hair may damage the blade edge.
4. Hair may gather in the inside of the blade housing during use. Too much stored hair will reduce the oscillating ability of the blades and cause malfunctioning. Always clean up hair in the blade housing before and after each use.
5. Avoid impact of the blade with hard objects as this may cause damage to the blade teeth.

BATTERY

1. Do not overcharge. It takes 2.5 hours to charge your clipper. Charging over 36 hours may shorten the life of the battery.
2. The life of the battery will be shortened if the clipper remains uncharged for long periods. Charge every 3 months of non-use to activate the battery.
3. It is normal for the adapter and the internal parts to become warm when charging.

OTHERS

1. Use or store the clipper only at room temperature. Avoid direct sunlight, moisture or heated surfaces. Operating range 0 - 40 °C.
2. Do not attempt to unscrew any part of the clipper.

OPERATING INSTRUCTIONS

CHARGING

1. Switch off clipper.
2. Connect the DC plug to the clipper.
3. Connect the adapter to the wall socket.
4. Check the charging indicator.
5. When the indicator light of the clipper unit is red, the unit is charging.
6. When the clipper is fully charged, the indicator will change to blue.

Initial Charge: 24 hours (first charge only)

Recharge: 2.5 hours

Cordless Operation: 90 minutes

CAUTION

- Charge at room temperature between 5°C and 35°C.

CORD OPERATION

This clipper can be operated by plugging it into the power source when the battery is not fully charged.

1. Switch off.
2. Connect the adapter to the wall socket.
3. Connect the DC plug to the clipper.
4. Check the charging indicator. The indicator should be lit.
5. Wait for 1 minute to activate the internal parts.
6. Switch on to operate

CAUTION

- Except for the purpose of charging, always switch off and unplug the adapter from the wall after use.
- Do not frequently use the clipper plugged without having recharged the battery, as this may reduce the life of the battery.

BATTERY CONDITION INDICATOR

Fully charged: Blue

Less than 15 minutes use: Slow red flash

Less than 10 minutes use: Rapid red flash

MAINTENANCE

Always switch off before removing, replacing and cleaning the blade.

REMOVING AND CLEANING THE BLADE

1. A selection of blades are available from close surgical cut to 5mm hair length.
Always make sure the clipper is turned OFF before changing blades.
2. To remove blades, press the black spring lever (under blade hinge) and pull the blade set backwards. Slide the blades off the clipper tongue.
3. Brush off the stored hair thoroughly from between the teeth and the blade housing.
4. Brush off the hair between the blades. Ensure that hair is not trapped between the blades.

LUBRICATING THE BLADE

Lubricate both friction surfaces of the front cutting teeth and the hind supporting areas.

1. Hind supporting areas: Push the top cutter blade to one side; lubricate the visible friction surface on the other side. Drop a small amount of oil on both sides.
2. Front cutting teeth: Drop a small amount of oil on the blade teeth and spread evenly. Slightly move the top cutter blade to permeate the oil between the blades.

CLEANING THE MAIN BODY AND ACCESSORIES

1. Switch off and unplug the clipper before cleaning.
2. Wipe with a soft damp cloth.
3. Allow it to air-dry before use.

BLADE LIFE

The service life of the blade may be shortened in the following situations:

1. The blade has not been lubricated properly over a long period.
2. The blade cuts objects other than hair or unclean hair.
3. A foreign object damages the blade edge.
4. The blade is subjected to an impact.

If the cutting efficiency is reduced substantially despite proper maintenance, the blade has exceeded its service life and should be re-sharpened or replaced.

MOTOR LIFE

- No maintenance is required for the motor.
- The service life expectancy of the motor is approximately 10000 under proper usage.

The service life of the motor may be shortened in the following situations:

1. The clipper is stored in humid surroundings for long periods.
2. The blade has not been lubricated properly.
3. Stored hair in the blade housing has not been cleaned properly.
4. An incorrect power source is used.

BATTERY LIFE

The service life expectancy of the battery is approximately 1000 recharging cycles.

After that the charge will gradually drain and the power will be reduced.

The service life of the battery may be shortened in the following situations:

1. The battery is stored in humid surroundings for long periods.
2. The battery is over-charged.

3. The battery is over depleted (when the battery is out of power, the clipper is kept in the switched-on position for long periods).
 4. The clipper is always used plugged in.
 5. The clipper has not been charged for more than 6 months.
- When not in regular use, it is recommended to recharge the battery at least every 6 months.
 - If cordless operation lasts for less than 10 minutes, despite proper recharging, the battery has exceeded its service life and should be replaced.

OPERATIONAL HINTS

- The Liveryman Harmony Plus can be used to clip with or against the direction of the coat.
- For clipping longer hair use in conjunction with the combs and clip with the direction of the hair.
- For a closer clip use against the hair.
- For the best finish, guide the clipper through the coat. Do not force the clipper as this will cause an uneven cut, and the blades may jam.

EUROPEAN DIRECTIVES AND STANDARDS

The Harmony Plus clippers are manufactured to comply with all relevant European Directives and Standards.

2006/95/EC LVD

2004/108/ EMC

2011/65/ ROHS

278/2009 ERP



ENVIRONMENTAL DISPOSAL

It is the owners responsibility to dispose of the clippers in a reasonable manner after their useful life. Do not dispose of in household waste. The clipper can be returned to the place of purchase or Agrihealth for recycling, or taken to your local authority waste disposal site.

INSTRUCTIONS FOR HARMONY PLUS BATTERY PACK CHARGING

- The charging must be carried out indoors and in a dry place.
- Only use the Liveryman mains adaptor that is provided.
- Plug the adaptor into the mains socket. Do not switch the socket on.

- Insert the connector lead from the adaptor into the battery pack socket marked IN.
- Switch on mains socket.
- The red LED indicates the battery is charging.
- When the battery is fully charged the LED will change to blue.
- Turn mains socket off and remove mains adaptor.
- Remove connector from battery pack.
- The battery pack is now ready for use.

Note: Charging should take approximately

- 4.5 hours for a clipping time of up to 4.5 hours.
- 2 hours for a clipping time of up to 2 hours.
- 1 hour for a clipping time of up to 1 hour.

During use, a flashing red LED and buzzer will give a 30 minutes warning before the battery expires. It is recommended to charge the battery for 3 hours before its first use, or where the battery pack has not been used for several months.

CLIPPING WITH BATTERY PACK

- Insert the battery pack connector into the socket at rear of Harmony Plus clipper.
- Clip the battery pack to a belt or trouser waist band and make sure that it is secure.
- The clipper is now ready for use.
- Up to 4.5 hours clipping time depending on length of charge, thickness of coat and sharpness of blades.

OVERLOAD PROTECTION

In the unlikely event of the orange warning light coming on during clipping, turn the clipper off and let the battery pack cool down. The battery pack is short circuit protected.

SPECIFICATION

15vDC | 11.1 V x 2500mA | Cyber Li-polymer 655069-38 battery | 3pcs x 3.7V = 11.1V

REPLACEMENT OF BATTERIES

- It is advised that a service agent replaces the batteries or charging circuitry.
- Do not dispose of batteries in your domestic rubbish.
- Batteries are environmentally friendly Li-polymer 655069-3S battery no hazardous substances.
- The clipper conforms to the requirements for EU Electromagnetic Compatibility 89/336/EWG
- After do not dispose of batteries in domestic rubbish. The battery pack may be returned to the point of purchase or direct to Agrihealth for disposal.

WARRANTY REGISTRATION

Please visit our website to register your warranty.

www.liveryman.co.uk

You will require the products serial number which can be located on the underside of the trimmer and proof of purchase.

Whilst every care has been taken in the compiling of information within our instructions, Liveryman (Agrihealth Ltd) accepts no responsibility for any errors or omissions in technical data or other information as stated.



Liveryman is part of the Agrihealth Group.
For more information visit www.agrihealth.ie

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