



KLARK TEKNIK DM801 RS232 / Ethernet Interface for DM8000 Control User Guide

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Important Safety Instructions



Terminals marked with this symbol carry electrical current of sufficient magnitude to constitute risk of electric shock. Use only high-quality professional speaker cables with 1/4" TS or twist-locking plugs pre-installed. All other installation or modification should be performed only by qualified personnel.



This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure – voltage that may be sufficient to constitute a risk of shock.



This symbol, wherever it appears, alerts you to important operating and maintenance instructions in the accompanying literature. Please read the manual.



Caution

To reduce the risk of electric shock, do not remove the top cover (or the rear section). No user serviceable parts inside. Refer servicing to qualified personnel.




Caution

To reduce the risk of fire or electric shock, do not expose this appliance to rain and moisture. The apparatus shall not be exposed to dripping or splashing liquids and no objects filled with liquids, such as vases, shall be placed on the apparatus.



Caution

These service instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operation instructions. Repairs have to be performed by qualified service personnel.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug.
A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Use only attachments/ accessories specified by the manufacturer.
12.  Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.

14. Refer all servicing to qualified service personnel.

Service is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

15. The apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.

16. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.



17.  Correct disposal of this product:

This symbol indicates that this product must not be disposed of with household waste, according to the WEEE Directive (2012/19/EU) and your national law. This product should be taken to a collection center licensed for the recycling of waste electrical and electronic equipment (EEE). The mishandling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the efficient use of natural resources. For more information about where you can take your waste equipment for recycling, please contact your local city office, or your household waste collection service.

18. Do not install in a confined space, such as a book case or similar unit.

19. Do not place naked flame sources, such as lighted candles, on the apparatus.

20. Please keep the environmental aspects of battery disposal in mind. Batteries must be disposed-of at a battery collection point.

21. This apparatus may be used in tropical and moderate climates up to 45°C.

LEGAL DISCLAIMER

Music Tribe accepts no liability for any loss which may be suffered by any person who relies either wholly or in part upon any description, photograph, or statement contained herein.

Technical specifications, appearances and other information are subject to change without notice.

All trademarks are the property of their respective owners. Midas, Klark Teknik, Lab Gruppen, Lake, Tannoy, Turbosound, TC Electronic, TC Helicon, Behringer, Bugera, Oberheim, Auratone, Aston Microphones and Coolaudio are trademarks

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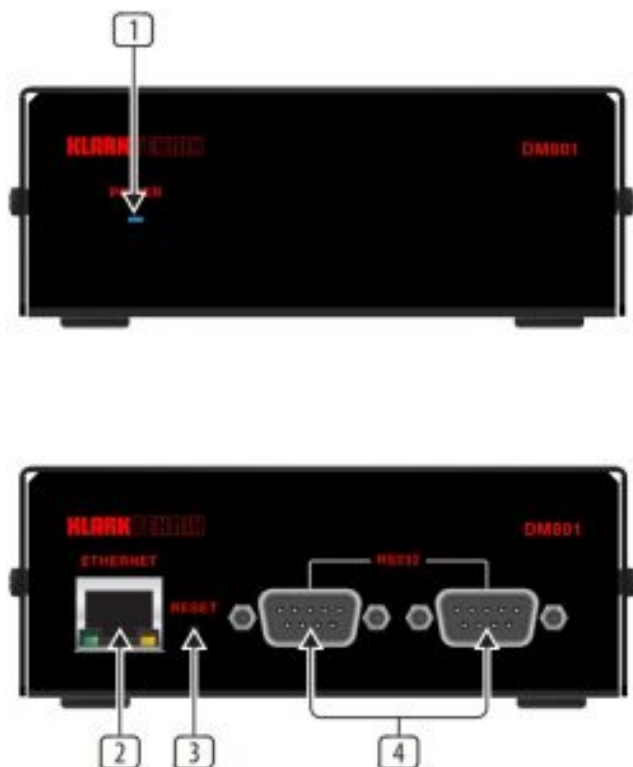
LIMITED WARRANTY

For the applicable warranty terms and conditions and additional information regarding Music Tribe's Limited Warranty, please see complete details online at musictribe.com/warranty

Introduction

The DM801 allows external control of DM8000 Digital Audio Processor over Ethernet, including 3rd party Control systems.

Front and Rear Panels



1. **POWER** indicator lights up to show the unit is operating and receiving power via Ethernet.
2. **ETHERNET** port allows DM801 to connect to an Ethernet network.
 To use with an Ethernet based third-party control system, be sure to address port 10000 for control of the DM8000.
 Use the DM Designer application to discover and set DM801 IP properties. By default, DM801 is set to receive an IP address from a DHCP server. (3)
3. **RESET** switch allows you to reboot the DM801 unit. To press the switch, insert a small pin or stylus into the hole and press.
4. **RS232** ports allow DM801 to accept and transmit commands to the main DM8000 unit and third-party serial based control systems.
 Use Port 1 to connect to a third-party control system
 Use Port 2 to connect to the DM8000

Specifications

System	
Processor	AM3352 ARM Cortex-A8
Memory	
RAM	DDR3 256 MB

Flas	NAND 256 MB
Serial port speeds	Port#1 1200 bps to 115200 bps, selectable Port#2 115200 bps, ONLY
Data bits	8-bit protocol supported
Network	10-base T / 100-base TX Ethernet RJ45
Operating temperature range	+5° C to +40° C
Storage temperature range	-20°C to +60°C
Interface Ports	
Ethernet	1 x RJ45
Serial port	2 x RS-232; Port#1 for 3rd-party;Port#2 for DM8000
Indicators	
Power LED	Blue
Ethernet Link / activity	Yellow / green LEDs
Power Supply, Current Consumption	
Power supply	PoE
Power consumption	3.84 W max
Dimensions / Weight	
Dimensions (H x W x D)	45 x 117 x 120 mm (1.8 x 4.6 x 4.7")

Weight	0.85 kg (1.87 lbs)
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Other important information

Register online

Please register your new Music Tribe equipment right after you purchase it by visiting musictribe.com. Registering your purchase using our simple online form helps us to process your repair claims more quickly and efficiently.

Also, read the terms and conditions of our warranty, if applicable.

Malfunction.

Should your Music Tribe Authorized Reseller not be located in your vicinity, you may contact the Music Tribe Authorized Fulfiller for your country listed under “Support” at musictribe.com. Should your country not be listed, please check if your problem can be dealt with by our “Online Support” which may also be found under “Support” at musictribe.com. Alternatively, please submit an online warranty claim at musictribe.com BEFORE returning the product.

Power Connections.

Before plugging the unit into a power socket, please make sure you are using the correct mains voltage for your particular model.

Faulty fuses must be replaced with fuses of the same type and rating without exception.

FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION

- **Responsible Party Name:** Music Tribe Commercial NV Inc.
- **Address:** 5270 Procyon Street, Las Vegas NV 89118, United States
- **Phone Number:** +1 702 800 8290

DM801

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Warning:

Operation of this equipment in a residential environment could cause radio interference.


Hereby, Music Tribe declares that this product is in compliance with Directive 2014/30/EU, Directive 2011/65/EU and Amendment 2015/863/EU, Directive 2012/19/EU, Regulation 519/2012 REACH SVHC and Directive 1907/2006/EC.

Full text of EU DoC is available at <https://community.musictribe.com/>



EU Representative: Music Tribe Brands DK A/S

Address: Ib Spang Olsens Gade 17, DK – 8200 Aarhus N, Denmark

Documents / Resources

	<p>KLARK TEKNIK DM801 RS232 / Ethernet Interface for DM8000 Control [pdf] User Guide DM801, RS232, Ethernet Interface for DM8000 Control</p>
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References

-  [Music Tribe](#)
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