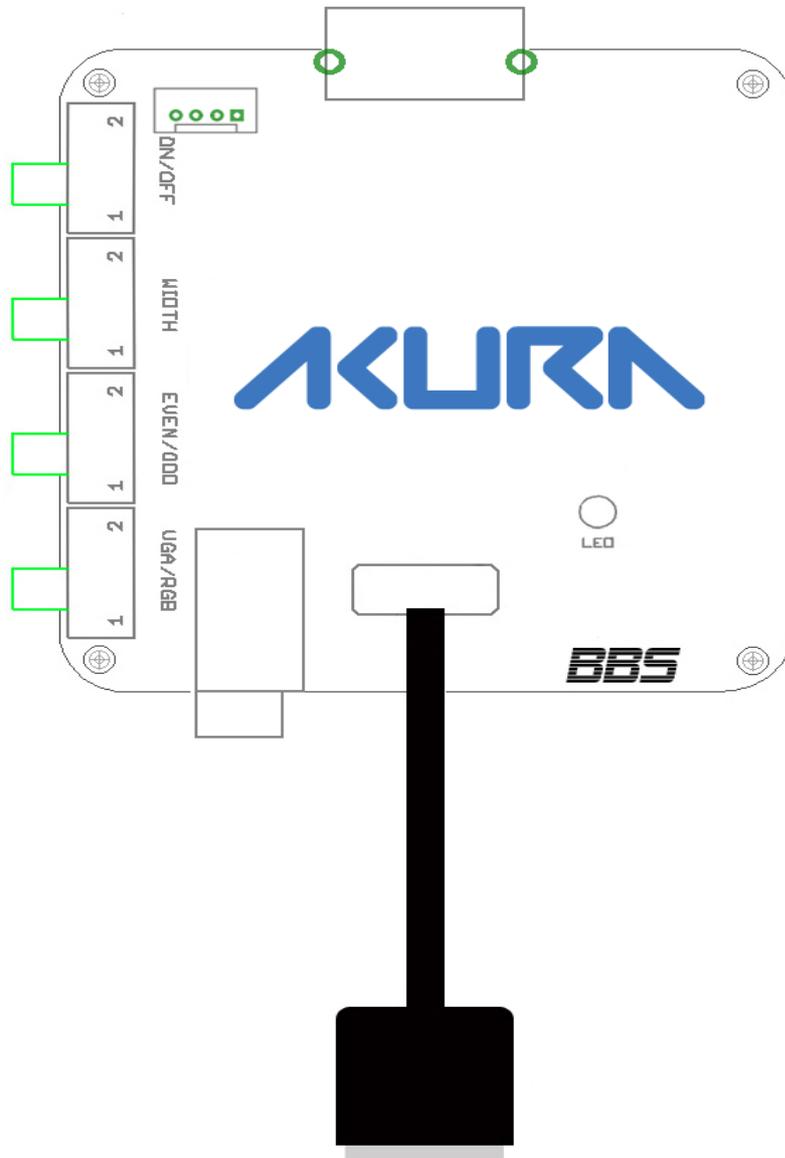




THE ULTIMATE DREAMCAST HDMI BOX WITH SCANLINER

INSTRUCTION MANUAL

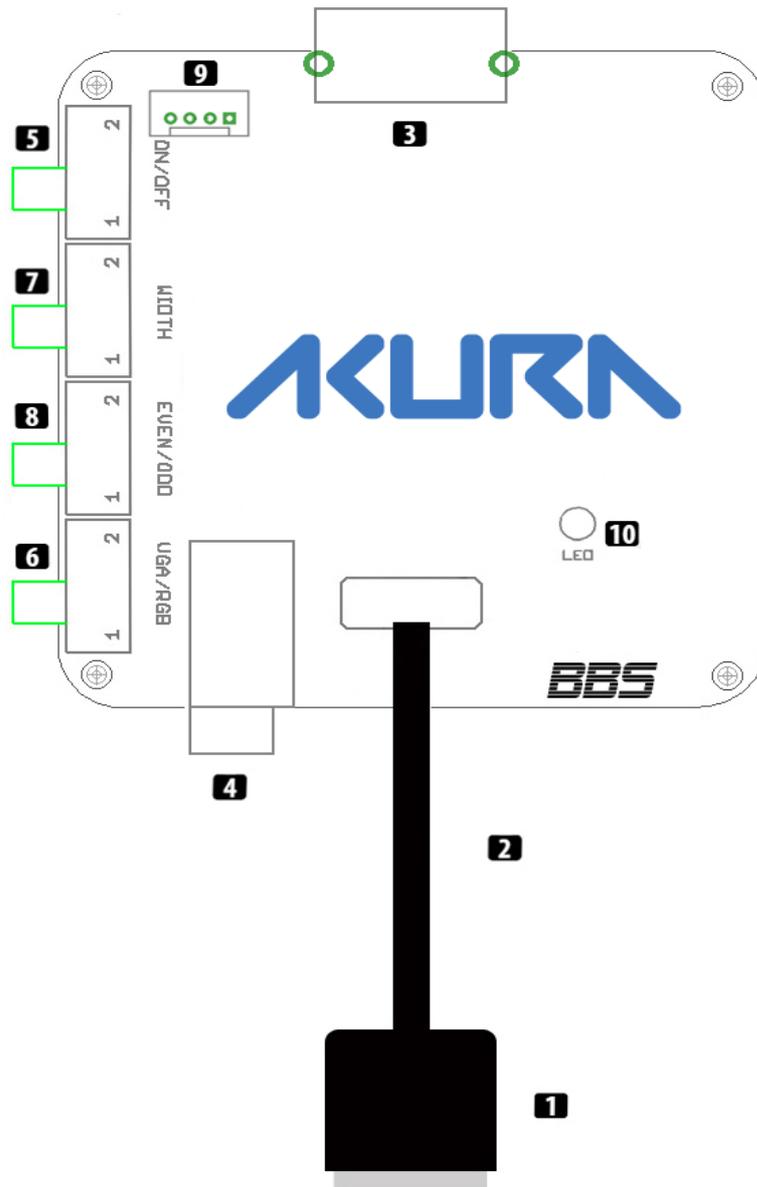
Thank you very much for purchasing this product and supporting the legendary Dreamcast console.
Please read this manual before use and retain it for future reference.



Introduction

AKURA is a Dreamcast HDMI box with built-in scanline generator. It allows your DC to output audio and video over HDMI. Since Dreamcast natively supports 480p video, you can play your favourite DC games in higher resolution on modern displays.

Akura has another built-in feature called Scanliner, which adds scanlines effect to your display.



This product is designed and manufactured by [Team Beharbros](#), Dreamcast is a trademark of Sega Enterprises Ltd.

Specifications

1. 480p Video output over HDMI.
2. RGB/VGA switch to select the 15khz RGB mode or the 31khz VGA mode.
3. HDMI connector for plugging to your TV/monitor.
4. Headphone audio output jack for plugging to a Hi-Fi system(amplifier) or TV.
5. Scanliner ON/OFF switch to turn it on or off.
6. Scanliner Width switch for selecting thin or thick scanlines.
7. Scanliner Even/Odd switch for selecting even or odd scanlines.
8. Luminosity adjustment as a bonus feature.
9. Blue power led.
10. High quality custom made Dreamcast audio/video cable.
11. Durable plexi case with laser etched Akura logo.
12. Small form factor: 2.9x2.9x0.71 inches or 7.5x7.5x1.8 cms

Parts

* Parts list as figured on the 2nd page.

1. Dreamcast AV plug.
2. Dreamcast AV cable.
3. HDMI Connector for audio/video output.
4. Headphone audio output jack.
5. Scanliner feature ON/OFF switch to turn it on or off.
6. VGA/RGB mode select switch. (15/31khz).
7. Scanliner Width Select switch for selecting thin or thick scanlines.
8. Scanliner Even/Odd Select switch for selecting even or odd scanlines.
9. Firmware updating connector.
10. Blue power led.

PRIMARY INSTRUCTIONS

1. **Make sure your TV and Dreamcast is turned off**
2. **Connect your Akura's Dreamcast AV plug (1) to your console's AV port on the back.**
3. **Connect your HDMI cable (male to male, not included) between your Akura (3) and your display (plasma, LCD, monitor etc.)**
4. **(Optional) You can also get stereo sound from your DC through the headphone jack(4), so you can use your amplifier for a better gaming experience. You should turn off your stereo system (amplifier) before connecting your cables to eliminate the risk of damaging your speakers. Please don't connect 2 speaker systems (TV+Amplifier) at the same time... Use either HDMI or headphone jack for audio output.**
5. **Adjust the settings (RGB mode/scanlines) you prefer by the help of switches.**
6. **Turn on your TV and Dreamcast (amplifier too) and enjoy your VGA box with different settings.**

SETTINGS

RGB MODE

RGB mode can be set by the help of RGB/VGA Switch (6). Switch position 1 is for the 15khz RGB mode, or 480i. If you change it to position 2, it will display 31khz VGA video or 480p. Currently Akura only supports VGA compatible games. Some games are not compatible with the VGA mode, and the console checks the type of cable plugged while booting, so it refuses to boot if the game doesn't support the VGA mode. To eliminate this problem you can trick the console while booting (after the beep sound) by switching to position 2 (VGA mode). This can work on most of the games, however some games still may not support it, please check the incompatibility list on the web.

SCANLINES ON/OFF

Scanliner function can be turned on or off by the ON/OFF switch (5). When it's in position 2, scanlines will be displayed, when it's switched to position 1, scanlines won't be displayed. This feature can be used on the fly, however it's recommended to do it while the console is turned off.

SCANLINES WIDTH SELECT

It's possible to change the width of the scanlines, position 2 is the default mode which is thinner scanlines (single line), position 1 is for the thicker scanlines (double lines).

EVEN / ODD SCANLINES

EVEN/ODD switch is used for selecting either even scanlines to be displayed or odd ones according to your preferences.

BONUS MODE : LUMINOSITY ADJUSTMENT

As a bonus feature, while the EVEN/ODD switch is set to position 1, and the scanlines are turned off (position 1) Akura can display a darker image without scanlines and when the EVEN/ODD switch is set to position 2 again, it will display in its normal brightness.

WARRANTY

All our products are handmade using high quality imported components. Every component is tested multiple times and chosen carefully for its longevity. When it's totally assembled and ready to use, we test it again for enough time before shipping it. However sometimes malfunctions can be occurred because of the workmanship or human errors by usage. We warrant our products to be free of defects in materials and workmanship that result in failure during normal usage for 1 year. In case of a malfunction, we advise you to consult us before trying to repair or replace any component. You can send it back for repair or replacement. After this duration we will still keep standing back of our products, even they are discontinued. Because your satisfaction is too important for us.

THANKS

SEGA, for creating this awesome console!

All the Dreamcast scene supporting this legendary console from the day one : sites, modders, everyone...

Our friends and family for always believing and supporting us.



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