

SKTA04-21+RCAF

UC100 Universal Cable for Toyota Rear-View Camera Plug Instruction Manual

Model: SKTA04-21+RCAF

1. INTRODUCTION

This manual provides detailed instructions for the installation and use of the UC100 Universal Cable. This adapter is designed to convert the rear-view camera port of select Eclipse AVN multimedia/navigation head-units to a standard composite video input, enabling the connection of aftermarket rear-view cameras.

The UC100 cable facilitates the integration of any rear-view camera featuring a composite video connection with your Eclipse AVN-Series in-dash DVD receiver. One end of the adapter connects to the proprietary rear-view camera port on the AVN receiver, while the other end provides a standard yellow RCA video connection.

2. PRODUCT FEATURES

- Universal Compatibility:** Converts proprietary Eclipse AVN rear-view camera ports to standard composite video input.
- Easy Integration:** Allows connection of any aftermarket rear-view camera with a composite video (RCA) output.
- Direct Fit:** One end snaps directly into the dedicated camera port on compatible Eclipse AVN receivers.
- Standard Connection:** Provides a standard yellow RCA female connector for camera input.
- Durable Design:** Constructed for reliable performance in automotive environments.

3. SETUP & INSTALLATION

Before beginning installation, ensure your vehicle's ignition is off and the battery is disconnected to prevent electrical shorts.

- Access the Head Unit:** Carefully remove the trim panels and mounting screws to gain access to the rear of your Eclipse AVN multimedia/navigation head-unit. Refer to your vehicle's service manual or an automotive audio installation guide for specific instructions on removing your head unit.
- Locate the Camera Port:** Identify the proprietary rear-view camera input port on the back of your Eclipse AVN

receiver. This port is typically a multi-pin connector.

3. Connect the UC100 Adapter:



Image 3.1: The UC100 cable showing the white proprietary connector and the yellow RCA female connector.

Connect the white multi-pin end of the UC100 adapter cable into the corresponding rear-view camera port on your AVN receiver. Ensure it clicks securely into place.

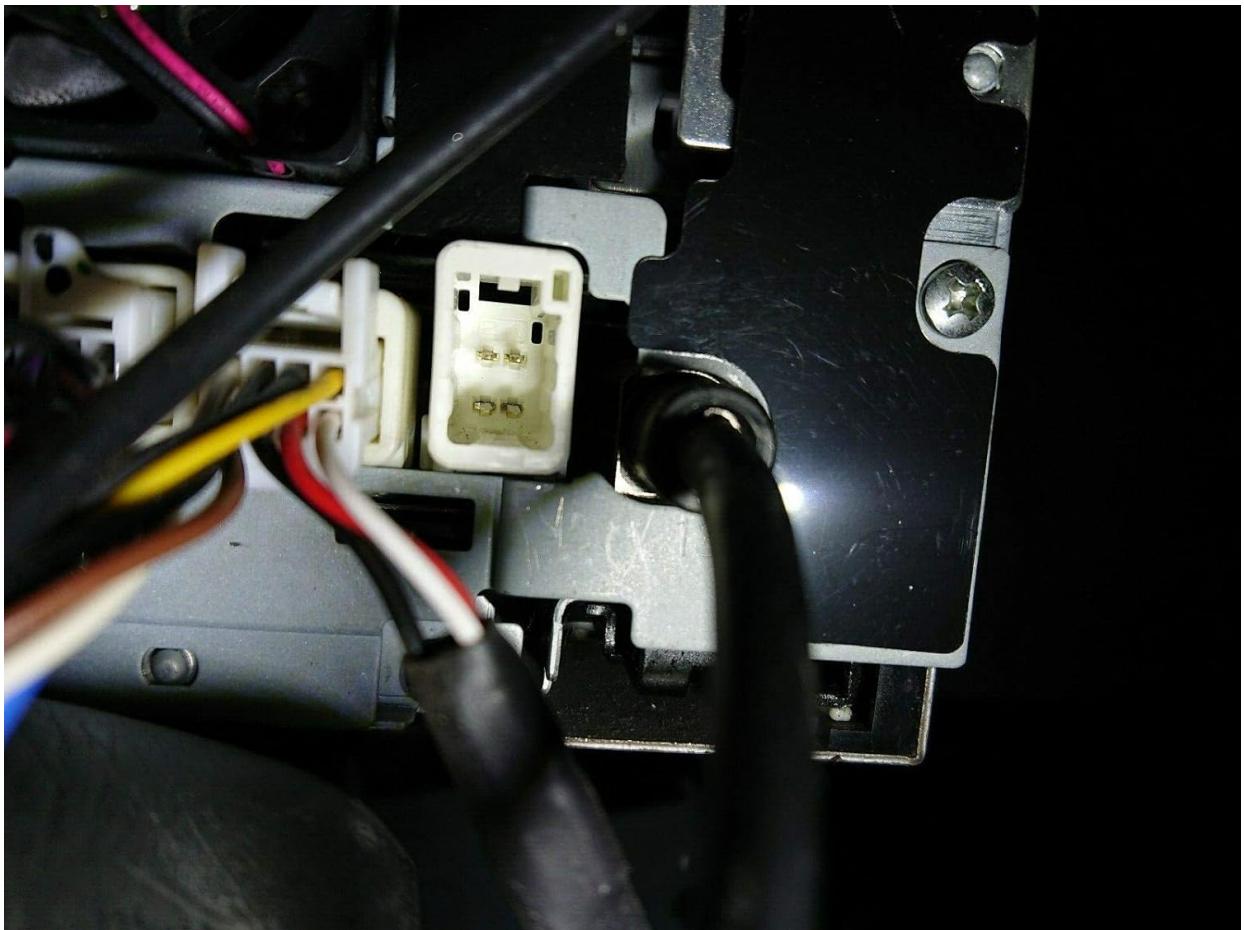


Image 3.2: The white connector of the UC100 cable properly inserted into the rear-view camera port on the back of an Eclipse AVN head unit.

- 4. Connect the Aftermarket Camera:** Plug the yellow RCA male connector from your aftermarket rear-view camera's video output cable into the yellow RCA female connector of the UC100 adapter.
- 5. Power and Ground Connections:** Ensure your aftermarket camera has its power and ground wires properly connected according to its own installation instructions. Typically, the camera's power wire connects to the vehicle's reverse light circuit or a switched 12V source, and the ground wire connects to a chassis ground. The green wire on the UC100 cable is typically for reverse trigger, if needed by the head unit.
- 6. Test the Connection:** Before reassembling your dashboard, reconnect the vehicle's battery. Turn on the ignition and put the vehicle into reverse gear (with the parking brake engaged for safety). Verify that the rear-view camera image appears correctly on your Eclipse AVN head unit screen.
- 7. Reassemble:** Once confirmed, carefully reassemble the dashboard components and secure the head unit back in its place.

4. OPERATING INSTRUCTIONS

The UC100 cable is an adapter and does not require specific operational steps beyond its initial installation. Once installed, the functionality of the rear-view camera will be controlled by your Eclipse AVN multimedia/navigation head-unit.

- When the vehicle is shifted into reverse, the head unit should automatically display the video feed from the connected rear-view camera.
- Refer to your Eclipse AVN head unit's user manual for settings related to camera display, parking guidelines, or other camera-specific features.

5. MAINTENANCE

The UC100 Universal Cable requires minimal maintenance. To ensure longevity and optimal performance:

- Ensure all connections are secure and free from corrosion.
- Avoid exposing the cable to extreme temperatures or harsh chemicals.
- Periodically check for any signs of physical damage to the cable or connectors.

6. TROUBLESHOOTING

If you encounter issues after installing the UC100 cable, consider the following troubleshooting steps:

- **No Camera Image:**

- Verify that the UC100 adapter is securely plugged into the correct port on the Eclipse AVN head unit.
- Check the connection between the aftermarket camera's RCA output and the UC100's RCA input.
- Ensure the aftermarket camera is receiving proper power and ground. Test the camera independently if possible.
- Confirm that the head unit's reverse trigger wire (if applicable) is correctly connected and receiving a signal when the vehicle is in reverse.
- Check the head unit's settings to ensure the camera input is enabled or configured correctly.

- **Flickering or Distorted Image:**

- Inspect all video connections for looseness or damage.
- Ensure proper grounding for both the camera and the head unit.
- Check for any electromagnetic interference (EMI) from other vehicle electronics.

- **Intermittent Operation:**

- Check for loose connections at any point in the video signal path.
- Ensure the power supply to the camera is stable.

If problems persist, consult a professional automotive audio installer or contact customer support.

7. SPECIFICATIONS

Attribute	Detail
Product Name	UC100 Universal Cable for Toyota Rear-View Camera Plug
Model Number	SKTA04-21+RCAF
Brand	Generic
Connector Type (Head Unit)	Proprietary Multi-pin (Eclipse AVN specific)
Connector Type (Camera)	RCA Female (Yellow)
Cable Type	Composite Video Adapter
Compatible Devices	Eclipse AVN Receivers, Aftermarket Rear-View Cameras with RCA output
Special Feature	Tangle Free

Manufacturer	Sky International
Parcel Dimensions	18.4 x 15.1 x 0.6 cm
Item Weight	13 g

8. WARRANTY INFORMATION

This product is sold by Generic. For specific warranty details, please refer to the seller's return policy or contact the seller directly through the platform where the product was purchased. Standard return policies typically apply. As per Amazon.ca, the buybox winner offers a 30-day refund/replacement return policy.

9. CUSTOMER SUPPORT

For technical assistance or inquiries regarding the UC100 Universal Cable, please contact the seller, Skyca, through the Amazon messaging system or refer to the support information provided with your purchase.

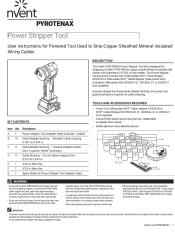
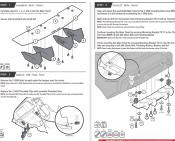
For general product information, you may also refer to the product listing on Amazon.ca [Product Page Link](#)

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Related Documents - SKTA04-21+RCAF

	<p>Somogyi URC 21 Universal Remote Control User Manual</p> <p>Comprehensive user manual for the Somogyi URC 21 universal remote control, detailing features, setup, code setting, and troubleshooting for controlling various home entertainment devices.</p>
	<p>BMW X5 (E70) Rear View Camera Retrofit Installation Instructions</p> <p>Detailed installation instructions for retrofitting a rear-view camera system on BMW X5 (E70) models, including parts overview, preparatory work, wiring diagrams, and customer information.</p>

	<p><u>nVent PYROTEX Power Stripper Tool User Instructions</u></p> <p>User instructions for the nVent PYROTEX Power Stripper Tool, designed for stripping copper sheathed Mineral Insulated (MI) wiring cables. Includes kit contents, required tools, preparation, usage, and troubleshooting.</p>
	<p><u>Toyota & Scion 2022 Navigation Map Update Guide: Model Compatibility & Part Numbers</u></p> <p>This document provides a comprehensive guide to 2022 navigation map updates for Toyota and Scion vehicles. It details compatibility by model, model year, and specific part numbers, including face plate numbers, map part numbers, generation systems, and map types/suppliers. Essential for ensuring your vehicle's navigation system is up-to-date.</p>
	<p><u>Street Aero ACM Rear Diffuser Installation Guide for 2024 Ford Mustang Classic Edition</u></p> <p>Step-by-step instructions and guide for installing the Street Aero ACM Rear Diffuser on a 2024 Ford Mustang Classic Edition. Includes parts list and mounting details.</p>
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