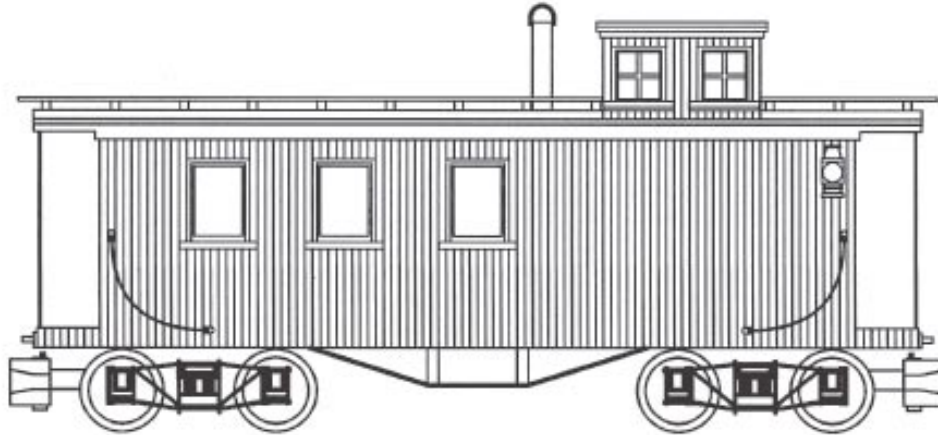


Delton Classics **LONG CABOOSE**

INSTRUCTION MANUAL

ART-82100 - 01



ARISTO-CRAFT TRAINS

052397 NEW

Dear Model Railroader,

This product, the Delton Classics Long Caboose, is a highly detailed #1 Gauge 1/24th scale model and is suitable for both indoor and outdoor operation. It has been designed and manufactured to our usual high specifications.

Please note that unlike most of the ARISTO-CRAFT TRAINS products which are built to a scale of 1/29th, the **DELTON CLASSICS** are made to a scale of 1/24th. All items, however are compatible and will operate together normally, after coupler substitution, and use the same track.

Should you have any questions regarding operation, proper usage or maintenance required for this caboose or any other ARISTO-CRAFT TRAINS products, please contact us at the following address:

ARISTO-CRAFT TRAINS
698 SOUTH 21ST STREET
IRVINGTON, NJ 07111

PHONE: 973-351-9800
FAX: 973-351-9700
EMAIL: aristo@mindspring.com
www.aristocraft.com

Our customer service department phones are open from 10:00 AM to 5:00 PM Eastern time, Monday through Friday.

Delton Classics

LONG CABOOSE

The caboose was the railroaders "home away from home" and represented warmth, security and food. It was also his mobile office and meeting place

This item is based upon an actual caboose owned and operated by the Denver & Rio Grande Western Railroad. It was built in the late 1800's, during the golden age of steam railroading and ran through the mountains and over high plains of Colorado and New Mexico.

FEATURES

- Operating knuckle couplers.
- Detailed trucks with operating springs.
- Precision machined metal wheels.
- Working marker lights.
- Interior lighting.
- Brass grab irons.
- Clear, crisp painting and lettering.

TRUCK BEARINGS

The truck sideframes are molded of a thermal plastic which reproduces all details and are designed to operate without, or very little, lubrication. If lubrication is indicated, use ARISTO-CRAFT TRAINS ART-29602, Conductive Lubricant on the axle ends, but only in very small amounts. It is not necessary to disassemble the trucks to properly lubricate, merely turn the car upside down and apply the lubricant to the axle ends.

ELECTRICAL PICKUP

Riding against the inside face of the metal wheels are spring loaded carbon brushes. These brushes transmit the electric current from the wheels to the wiring that allows the interior lighting and marker lights to function.

After extended usage it may become necessary to replace the carbon brushes (ART-29401). Unscrew the plastic brush holder from the truck bolster, remove the old brushes and replace them with new items. CAUTION: THE BRUSHES ARE SPRING LOADED. It is recommended that both brushes be replaced at the same time. Be careful not to damage or loosen the wires attached to the brush holder. To reduce friction on the contact surface of the brushes, lubricate, if necessary, but ONLY

WITH ELECTRICALLY CONDUCTIVE LUBRICANT, such as ARISTO-CRAFT TRAINS ART-29602, CONDUCTIVE LUBRICANT.

COUPLERS

DO NOT CONFUSE ARISTO-CRAFT TRAINS KNUCKLE COUPLERS, ART-29200, WITH DELTON CLASSIC TRAINS KNUCKLE COUPLERS, ART-89200. While both styles of couplers may appear to be similar, the components are not interchangeable and operation between the two styles of knuckle couplers is not possible.

This caboose is equipped with DELTON CLASSIC TRAINS prototypically accurate, operating knuckle couplers. They may be operated manually by pressing upward on the small knob below each coupler assembly or by lifting upward on the small projection above the coupler assembly.

If operation of this caboose with ARISTO-CRAFT TRAINS locomotives and rolling stock is desired, the DELTON CLASSIC TRAINS couplers must be removed and replaced with the knuckle or loop style couplers. This conversion may be made by removing the single screw holding the DELTON CLASSIC TRAINS coupler in place and attaching the ARISTO-CRAFT TRAINS knuckle or loop style coupler with the same screw.

Refer to Exploded Parts Diagram/Parts List for part descriptions, part numbers, and prices. Do not use part descriptions, part numbers, and prices listed in the Instruction Manual

LIMITED WARRANTY

All ARISTO-CRAFT TRAINS products are under warranty for five (5) years from the date of purchase against defects in workmanship and/or materials. Proof of purchase *may be required* by ARISTO-CRAFT TRAINS.

This warranty is void and does not apply to any product and/or parts and components which have been improperly installed by the purchaser/owner, abused or damaged in any way through improper operation such as but not limited to derailment, repairs or modifications performed by non-authorized service centers or technicians.

SERVICING

Should your ARISTO-CRAFT TRAINS product require warranty service, please return it in the original box, if possible, protected by a proper shipping carton. Send the product fully insured and prepaid. ARISTO-CRAFT TRAINS will not be responsible for any loss or damage incurred during shipping. Be sure to include a brief, but thorough explanation of the problem, together with your name, street address (no Post Office box please), city state or province and country, if outside of the United States. Also include a daytime telephone number so that we may contact you if necessary. Your return address should be clearly marked on the outside of the shipping carton.

The proper payment for shipping and handling, in U.S. funds, should also be included as follows:

Locomotive or complete train set	\$20.00
CALL FOR CURRENT SHIPPING COSTS	
Accessories, switches, track, freight or passenger cars, rail cars, tenders, etc.	\$10.00

Your check or money order should be made payable to: Polk's Modelcraft Hobbies, Inc. Do not send cash. If your item is not covered by warranty service, you will be contacted and a repair estimate given before any work commences.

The shipping address to be used for returns is as follows:

ARISTO-CRAFT TRAINS	PHONE: 973-351-9800
698 SOUTH 21ST STREET	FAX: 973-351-9700
IRVINGTON, NJ 07111	EMAIL: aristo@mindspring.com
	www.aristocraft.com

Written confirmation of receipt of returned items will be sent with estimated repair time by the ARISTO-CRAFT TRAINS Customer Service Department.