
ALN (=DMU) 663

by

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(First version by Luigi Cartello and Ettore Grua - Mar 2002)

Photos used to build the cab by Ettore Grua <http://www.i-gret.it> and "Traindriver"

BVETSS and BVE ATSSstandard compatible

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(left photo © Andrea Canale, right photo © Iacopo Di Battista)

INSTALLATION

Unzip the folder Aln663 being inside the zipped file in your BVE4 Train folder (usually C:\Program files\mackoy\Bve4\Train)

-Replacing with this train another train used in a BVE4 route:

- 1 - Open the BVE4 CSV route file using a text editor like Notepad
 - 2 - Search for the string ".folder": you will find a text line like this:
Train.Folder Aln773
 - 3 - Replace the existing train's name with the new name, like so:
Train.Folder Aln663
 - 4 - Save the file and close the editor
-

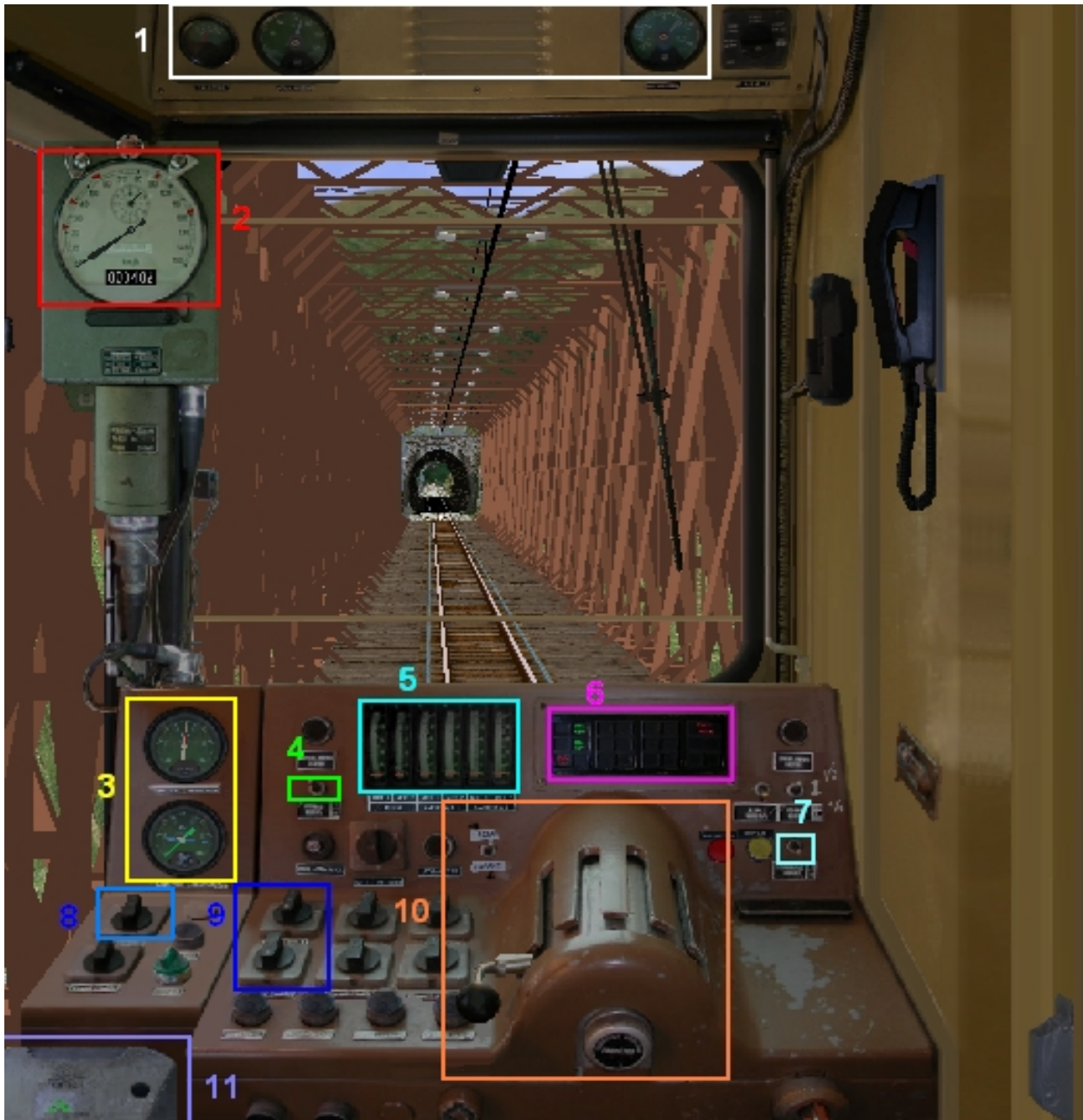
SIMULATED FEATURES

- gears simulated
 - Working warning fuel, water cooling and light lamps
 - Working window wiper (PgUg/PgDn to switch it on/off)
 - direction indicator
 - Hiding timetable (depending on the route file: F3 hide/view - F4 zoom)
 - Nighting panel
-

NOTES

Note: After to use of the "Jump to station" option of the menu, the train could rest idle (out of traction). To reset it: set the reverser in neutral N (Arrow down) and then in forward position (Arrow up). Moreover it's necessary brake until B7 and return to RL.

CAB'S DESCRIPTION



1 FROM RIGHT: OIL PRESSURE, WATER COOLING LAMP, BATTERIES AMMETER

2 TACHOMETER (WITH TRAVELMETRE)

3 MANOMETERS

4 INSTRUMENTS' LIGHT

5 MOTORS' TURNS

6 LAMPS (see below)

7 LIGHTS

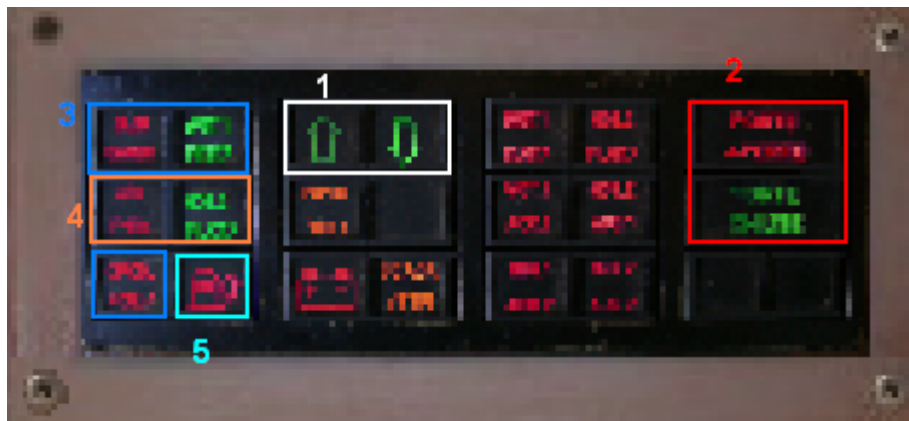
8 GLASS' HEATING

9 SWITCH THAT INHIBIT THE TRACTION

10 GEAR AND THROTTLE (see "HOW TO DRIVE")

11 BRAKE

LAMPS' DESCRIPTIONS



1 REVERSER'S INDICATOR

2 RED LIGHT=DOORS OPENED\GREEN LIGHT=DOORS CLOSED

3 GEARS' LAMP

4 BRAKE'S LAMP (RED WITH PRESSURE < 3.5 BAR)

5 WARNING FUEL LAMP

HOW TO DRIVE

It's recommended to read carefully this paragraph, because the working of the train is different from the others train for BVE4.

ATS KEYS(written also under the image of the cab):

GEAR UP

HOME

GEAR DOWN

END

LIGHTS

5

WIPER ON

PgUp

WIPER OFF

PgDn

First of all you must insert the 2nd gear then, pressing Z or A , you can set the acceleration (5 positions).

The 1st gear is used on for the movements in the depots.

FOR CHANGE GEARS is necessary PRESS A UNTIL YOU NOT RETURN TO N POSITION



(for activate, press F2)

TECHNICAL INFORMATIONS

Built in:	1983-1986
Wheels arrangement:	A'1 1A'
Power:	2x170 kw at 1850 turns\min
Motori:	2 FIAT 8217.32
Transmission:	mechanical with 5 gears
Max velocity:	130 km\h
distance between the trucks:	15.940mm
Total lenght:	23.540mm
Seats:	63 (12 in 1st class)

SPECIAL THANKS TO:

- "Traindriver" for the support, testing, photos and sounds
- IRA Italian Rail Fans for Andrea Canale's photo (1987)
- Luigi Cartello, for the support, testing and the permission to publish this work
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Other thanks:

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- Oskari Saarekas for his OS_At1.dll plug-in
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- Martin Finken for ATStandard specifications