CHREZO
MODÉLISME FERROVIAIRE

SNCF Y 8000
DCC SOUND
FITTING AND USING INSTRUCTIONS NOTICE

We would like to thank Alexander Mayer (Zimo Elektronik GmbH) and Yohan Delage for their involvement in this project.



DCC FITTING :

All our Y 8000 models are factory fitted to accept a PluX 22 decoder. They also come equipped as standard with two pre-wired "sugar-cube" speakers.

To access the circuit board and interface, lift off the section of the long hood, which is held in place by magnets. Please take care to avoid damaging the side handrails while doing so.

Gently remove the analog dummy plug and install the decoder onto the circuit board, ensuring it is oriented correctly.

SPECIAL NOTE ABOUT ELECTROMAGNETIC COUPLERS

Given the limited prevalence of the standardized NEM (or LENZ-style) electromagnetic coupler on the French market—and in order to keep production costs down—CHREZO has opted not to include this feature as a factory-installed option.
However, to assist those who enjoy "tinkering" or customizing their models, we have requested that the manufacturer dedicate two outputs to the control of electromagnetic couplers, similar to those used by LENZ on their own models.

The corresponding outputs on the PCB are identified in the picture below:



CHREZO SARL 15 Rue François ARAGO F-17200 ROYAN - Tous droits réservés

Fonctions : Y8000 **CHREZO**

Décodeur type ZIMO MS450P22
Adresse 3

Sound Designer : Les Sonorisations DELAGE

16Bits Sound
Zimo

Projet Nom Y8000
Projet Version 3

Touche	Fonction	Son	CV Volume	Valeur (0=max)
F0	White Light			
F1	Warm Start	général	376	0
F2	Cold Start			
F3	Horn High	3	987	0
F4	Horn Low	4	988	0
F5	Horn Mix	5	526	0
F6	Shunting Mode			
F7	Curve Squeal 1	7	985	0
F8	Red tail Lights			
F9	Swtich squeal	9	982	0
F10	Shock buffers	10	541	46
F11	Cab Light			
F12	Coupling / Uncoupling	12	547	64
F13	Door Cab	13	550	0
F14	Reversing maneuver	14	984	0
F15	Docking maneuver	15	984	0
F16	Press maneuver	16	984	0
F17	Pulling maneuver	17	562	0

F18	Maneuver complete	18	565	0
F19	Uncoupleurs move			
F20	Train Brake Sound (activate when Stop	20	992	0
F21	Curve squeal 2	21	578	0
F22	Compressor	22	680	64
F23	Direct Brake	23	683	0
F24	Speed Lock Touche			
F25	All light ON			
F26	Mute			
F27	Volume Down			
F28	Volume Up			

Cold Start Procedure

- Enable F2
- Enable F1
- Disable F2

Engine:

In Line mode, the engine RPM is at maximun, once stabilized at a steady le vel, the RPM will drop automatically a certain time (CV996).

It is possible to increase engine speed by sending a signal tho the speed control to shift to a higher speed.

Coast to stop mode can be activatted at any time by briefly pressing the speed control on the main unit's remote, phone or tablet

Specific CVs :

- Master Vololume = CV266
- Time to coast = CV996

