

ENGINEERING CHANGE NOTE

CYRUS AUDIO LTD, HUNTINGDON, ENGLAND.

Date: 17th January 2020	Requested By: Ceri Williamson	Dept: R&D	Product Part N°: 3E-C1C1E/B 3E-C1C3E/B	Description: ONE CAST 115Vac ONE CAST 230Vac
Drawing N°: -	Title: CYRUS ONE CAST 115Vac Main PCBA BOM CYRUS ONE CAST 230Vac Main PCBA BOM		Apply to Models: CW08 (ONE CAST)	

These changes are required to:

1. Reduce the bus-pumping effect of the amplifier, causing the PSU to go over voltage and the protection circuitry will latch up.
2. Ensure the inrush capabilities of the fuse meet the circuit inrush and prevent premature failing.

Description of change

The listed changes are applied to ONE CAST Main board BOM:

C9 changes from 4.7uF to 470nF (16V/X7R/10%).

C30 changes from 4.7uF to 470nF (16V/X7R/10%).

C122 changes from 22uF to 1uF (16V/X7R/10%).

C128 changes from 22uF to 1uF (16V/X7R/10%).

R10 changes from 3K3 to 2k.

R22 changes from 3K3 to 2k.

R133 changes from 470K to 47k.

R150 changes from 470K to 47k.

F1 changes from T1.25A to T2.0A (**FOR 230Vac ONLY, Note.** Conquer MST-Series or Dongguan Better 932 series).

F2 changes from T2.0A to T3.15A (**FOR 230Vac ONLY, Note.** Conquer MST-Series, Dongguan Better 932 series or Littelfuse 392 Series).

Timing of change

This change is applied to the next production build at Hualu.

Note. PCB fuse replacement legend: change to meet the above specification **OR** attach label with new fuse values.

Finished Goods at Cyrus Audio

The listed change is applied to all product before shipping.

Service action

The listed change is applied to all product returned for Service.

Internal Circulation: Service (PH) R&D (CW) Technical file	Prepared by: PAUL TUNESI	Model: CYRUS ONE CAST 115Vac CYRUS ONE CAST 230Vac
	Date: 17/01/2020	
External Circulation: Hualu (AMY).	Approved by: JAKE GREEN	ECN°: CW08U117
	Date: 17/01/2020	
	Approved by: CERI WILLIAMSON	
	Date: 17/01/2020	