

Request for Class II Permissive Change

FCC ID: IBAMF8170

Date: 30 July 2015

To: Federal Communication Commission

Please be notified that we, the undersigned, Creative Technology Ltd declares the reasons for this Class II permissive change are stated below. The purpose of change is product performance improvement. Changes do not affect RF portion.

The major change filed under this application is:

1. Add Model No: MF8171, Product Name CREATIVE SOUND BLASTER ROAR PRO.
2. CREATIVE SOUND BLASTER ROAR PRO is a derivative model of CREATIVE SOUND BLASTER ROAR SR20A with changes in product features and antenna gain. No other electrical differences other than those stated below. Mechanical design and construction are identical for both models.

	BEFORE	AFTER
Model No	1. MF8170	1. MF8170 2. MF8171
Product Name	SOUND BLASTER ROAR SR20, SOUND BLASTER ROAR SR20A	SOUND BLASTER ROAR SR20 (Model No: MF8170) SOUND BLASTER ROAR SR20A (Model No: MF8170) SOUND BLASTER ROAR PRO (Model No: MF8171)
Antenna Gain	0.25 dBi	No change for SOUND BLASTER ROAR SR20 and SOUND BLASTER ROAR SR20A. SOUND BLASTER ROAR PRO: 4.11 dBi
Main Board	MS2160B REV A (0514116)	No change for SOUND BLASTER ROAR SR20 and SOUND BLASTER ROAR SR20A. SOUND BLASTER ROAR PRO: MS2160B Rev A (081520) & MS2165B Rev 1P (001521): Add C334 (10PF), C335 (10PF), C336 (10PF), C337 (10PF), C339 (10PF) Change: R162 (12K to 100R), R203 (12K to 100R), R142 (22K to 15K), R143 (22K to 15K), R219 (10K to 12K), R116 (330K to 300K) Remove: R92 (10K), R93 (10K), C72 (820PF), C77 (820PF).

		<table> <tr> <th>Version</th><th>Old Volume IC</th><th>New Volume IC</th></tr> <tr> <td>Main board</td><td>MS2160B Rev A (081520)</td><td>MS2165B Rev 1P (001521)</td></tr> <tr> <td>Volume IC</td><td>MP61545 (U17)</td><td>NJU72431 (U4)</td></tr> <tr> <td>R214</td><td>Not Mounted</td><td>4K7</td></tr> <tr> <td>C313</td><td>Not Mounted</td><td>10UF</td></tr> <tr> <td>R324</td><td>Not Mounted</td><td>10K</td></tr> </table>	Version	Old Volume IC	New Volume IC	Main board	MS2160B Rev A (081520)	MS2165B Rev 1P (001521)	Volume IC	MP61545 (U17)	NJU72431 (U4)	R214	Not Mounted	4K7	C313	Not Mounted	10UF	R324	Not Mounted	10K
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Main board	MS2160B Rev A (081520)	MS2165B Rev 1P (001521)																		
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R214	Not Mounted	4K7																		
C313	Not Mounted	10UF																		
R324	Not Mounted	10K																		
Mp3 Key Board	SOUND BLASTER ROAR SR20: MS2160E, REV A (031404) SOUND BLASTER ROAR SR20A: MS2160E, REV A (041422)	No change for SOUND BLASTER ROAR SR20 and SOUND BLASTER ROAR SR20A. SOUND BLASTER ROAR PRO: MS2165E, REV A (011520).																		
Product Feature	SOUND BLASTER ROAR SR20: Loud Sounds SOUND BLASTER ROAR SR20A: Remove Loud Sounds. Add Link Security and Tera Bass.	No change for SOUND BLASTER ROAR SR20 and SOUND BLASTER ROAR SR20A. SOUND BLASTER ROAR PRO: Remove Link Security. Add EQ – Warm / Neutral / Energetic.																		

Thank you.

Yours Sincerely,

By:



(Signature¹)

WONG KOK GHAY

(Print name)

Title: Director, MSP R&D

On behalf of: Creative Technology Ltd
(Company Name)

Telephone: +65 6895 4329

¹ - Must be signed by applicant contact given for applicant on the FCC site, or by the authorized agent if an appropriate authorized agent letter has been provided. Letters should be placed on appropriate letterhead.