

## 'mobile' PA Product comparison – for use in EQ Schools

Option-A (**Recommended**): **OKAYO - GPA-820 - Portable PA System Dual 520-544MHz Wireless Mic Receiver**

Link-A1: <http://www.okayo.com/en/product-199264/120W-Wireless-Portable-Sound-System-GPA-820-|-GPA-828.html>

Link-A2: <http://www.altronics.com.au/p/c7202c-okayo-80w-portable-pa-with-dual-520-544mhz-uhf-receiver/>

Option-B (2<sup>nd</sup> preference): **MiPro - MA-707 - Portable Wireless PA System**

Link-B: [https://www.mipro.com.tw/p4\\_en.html?gid=144](https://www.mipro.com.tw/p4_en.html?gid=144)

Option-C (*not recommended*): **CHIAYO - Stage Man - Multifunctional Wireless Amplifier System**

Link-C: <http://www.chiayo.com.tw/english/stageman.html>

### OKAYO



### MiPro



### CHIAYO



Option A, B & C above **ALL** have:

8" speaker

Over 60W RMS of power

Battery run-time of more than 4HRs 'full power use'^ [Full day 10HRs+ in an 'education event' setting]

WiFi Mic systems

BlueTooth support (*'free' on the OKAYO & CHIAYO – extra cost option for; MiPro*)

12~15kg (with 'Lead-Acid' batteries // Li[Lithium] battery packs at extra cost -2kg)

The cost of the MiPro is a bit more than the OKAYO, and the OKAYO also has the advantage of 'future upgrades and low-cost parts'.

The reason the CHIAYO is 'not recommended' is it's 'limited market adoption' in Australia – making the chances of good warranty service and 'availability of parts' much lower than MiPro & OKAYO.

OKAYO is distributed by; [www.altronics.com.au](http://www.altronics.com.au) is one of the bigger, leading AV wholesalers in Australia (with many years trading history and locations in several states, it is a trusted name in AV & PA).

POWER: The above OKAYO is 120W(and 80W RMS) – the MiPro is 100W(and 70W RMS) [the CHIAYO is 100~150W rating, however, it is rated at only '4Ω load' making it's power rating 'hard to compare' – it is probably about 65W RMS as a 'like for like' comparison to the above OKAYO & MiPro systems]

- **Section-2;**

The reasons that AV King (AV Pro Education) rate the above detailed 'OKAYO' over the 'MiPro' included:

1. The battery pack has a 'service life' of 2~5-years, and the replacement parts are less than 50% of the MiPro parts^^
2. The option to have/add 'slave speaker' is under \$300 (for the transmitter add-on unit)
3. The included 'UHF Duo' mic receiver and support 2x mics (and a 2<sup>nd</sup> UHF Duo can be added)
4. Mixer with many lines/mics 'in' is included in the base unit.
5. The design makes 'ease of use' much better than others in it's class.

**^Battery:**

All of the above systems have 2x;

**12V 4.5Ah Sealed Lead Acid (SLA) Battery (1.5kg)**

And will run 4~6HRs+ on a full charge at 100% power – typical operation is about 40% for events and 60% for 'music/disco' – so 6~10HRs+ expected use per charge.

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This report was created on 27/03/2018 - based on research by Millin Bear on-line and from the below reference PDF documents:

1. <http://nebula.wsimg.com/9cc10edaf12b964078b430314d47cc81?AccessKeyId=1170C3060F021EB3E6CD&disposition=0&alloworigin=1>
2. <http://nebula.wsimg.com/a5e976891de6e14ce7fa176faf6529e9?AccessKeyId=1170C3060F021EB3E6CD&disposition=0&alloworigin=1>
3. <http://nebula.wsimg.com/363340bbaedda34de0adaebf9ac05e7a?AccessKeyId=1170C3060F021EB3E6CD&disposition=0&alloworigin=1>

^^Link to on-line MiPro battery pricing (\$45): <https://www.new-media.com.au/mipro-mb-70-replacement-sealed-lead-acid-rechargeable-battery-for-ma707-ma708-and-ma808-two-required-per-unit-12v-4-5ah.html>

Link to the 'same' battery from Altronics (\$25~): <http://www.altronics.com.au/p/s5084d-12v-4.5ah-sealed-lead-acid-sla-battery/>

NOTE: AV King can offer lower pricing than 'www.new-media.com.au' for any and all MiPro products, and AV King also has education pricing for any Altonics items, saving 5~30% OFF RRP – above links are included as a 'guide' to RRP.

For any questions or feedback, please contact me.

Millin Bear

**Solutions Manager**

AV Pro Education

**[AVP Education, a division of: THE AV KING P/L - ABN: 82 621 800 673]**

GITC: Q-6463 / QAssure number: 16810 / ACN: 621 800 673

Admin Office:

27 ONeil Street, Moorooka, QLD-4105

- Ph: 07 3170 3706 - Mob: 0478 216 234 -

E: millin.b@theavking.com.au -OR- millin.b@avpeducation.com.au

'Retail' Web-Site: www.theavking.com.au

OUR NEW Education Web-Site: www.avpeducation.com.au