

## Battery Provisions

Transceiver:

1 Shure UR1-M

Dates:

14<sup>th</sup> April – 1 Hour

28<sup>th</sup> April – 1 Hour

29<sup>th</sup> April – 10 Hours

30<sup>th</sup> April – 10 Hours

1<sup>st</sup> May – 12 Hours

4<sup>th</sup> May – 12 Hours

5<sup>th</sup> May – 12 Hours

6<sup>th</sup> May - 12 Hours

Total number of hours:

70 x 1 radio transceiver = 70

UR1-M Battery requirements:

### Battery Life (Typical) (On 2 1.5v AAA)

<b>Alkaline:</b>	6 hours (normal RF power) 4 hours (high RF power)
<b>Lithium primary:</b>	9 hours (normal RF power) 7 hours (high RF power)
<b>NiMH 1000 mAH:</b>	6 hours (normal RF power) 4 hours (high RF power)

(from Shure user guide page) [UR1M User Guide \(shure.com\)](http://shure.com/UR1M-User-Guide)

Battery types: (we use)

Duracell Procell – Alkaline 1.5v

Duracell Industrial – Alkaline 1.5v

## Calculating Battery requirements

70 Hours on time /6 Hours battery life on Normal RF with 2 batteries in use

$$70/6= 11.67$$

$$11.67 \times 2 = 24 \text{ batteries}$$

However, as Professionalism prefers new batteries per day/per Session.

14<sup>th</sup> April – 1 Hour – 2 Batteries

28<sup>th</sup> April – 1 Hour – 2 Batteries

29<sup>th</sup> April – 10 Hours – 4 Batteries

30<sup>th</sup> April – 10 Hours – 4 Batteries

1<sup>st</sup> May – 12 Hours – 4 Batteries

4<sup>th</sup> May – 12 Hours – 4 Batteries

5<sup>th</sup> May – 12 Hours – 4 Batteries

6<sup>th</sup> May - 12 Hours – 4 Batteries

Total Batteries: 28.

SO, Pack of 30.

## Procell

3x 10 Pack = 3x 4.30 on Amazon Uk = £12.90

## Industrial

20 Pack + 10 Pack = £7.50 (or £7.79 after promotion) + 4.50 on Amazon Uk = 12 (12.29)

Industrial is cheaper.