

## **RDM/sACN Developers Conference/Plugfest : Wednesday 26<sup>th</sup> April 2017**

### **09:00 Registration**

- Tea/Coffee available in the foyer area of the Loxwood Suite, Gatwick Manor
- Technical area setup begins.

### **09:30 Introduction**

- Introduction and Welcome :
- Housekeeping :
- Introduction to Plugfest for new Participants :
- Etiquette :
- PLASA Technical Standards Programme :
- The PLASA / ESTA / ANSI process :

### **09:40 Plugfest commences**

- Expectations from participants

### **09:45 Standards in the making**

- Summary of Recent and Current ESTA CPWG Projects
- RDM over TCP/IP networks - RDMNet :E1.33
- RDM revision project

### **10:00 DMX and RDM : The basics**

- So you still have not heard of RDM ? :
- Why is DMX still relevant ? :
- Obeying the hardware rules
- Q&A

### **10:30 RDM 10 years on – A summary**

- An overview
- E137-1 Command additions [Dimmer centric configuration]
- E137-2 Additions [IP/Network configuration]
- E137-4 Firmware Uploads/File transfer
- E137-5 Command additions
- sACN , ACN and Art-Net
- Q&A

### **10.45 Marking and Communication**

- Logos
- Testing
- Introducing the RDM Forum and Website
- Product Marking

### **10:50 sACN/ACN : Current Status and Utilisation**

- An overview
- sACN Testing
- Q&A

### **11:00 Refreshments**

### **11:15 Developers Tools – A brief summary**

- Introduction
- Engineering Tools for RDM : RDM Pro/GetSET/Sniffers/Responder

- Engineering Tools for RDM : DMXter and MiniDMXter
- Engineering Tools for RDM : RDMLabpack
- Open Lighting Project (OLA)
- RDM Integrity
- DMX Workshop .
- Engineering Tools for sACN :
- Engineering Tools for ArtRDM - artLynx quad

## 12.00 RDM Integrity Responder Tests in detail

- Introduction :
- Basic Tests
- Stress Tests
- Reporting and Log files
- Lock PID testing
- Manufacturer PIDs

## 13.00 Lunch

- A buffet lunch is served in the foyer.
- Please feel free to talk to other developers and take a look around.

## 14:00 Splitter Testing in detail

- Introduction :
- Developing a Recommended Practice

## 14:45 Controller Testing in detail

- Challenges and issues
- Uses for the RDMLabpack and similar devices

## 15:30 RDMNet – The E1.33 Project in detail

- Challenges and issues
- Reports on beta test implementations

## 16:00 Refreshments and Plugfest Demonstrations

- Tea/Coffee

## 17:00 Summary and Conclusions

- How to keep in touch
- Presentations at Trade Show
- General Q& A
- Feedback [RON BONNER](#)

## 17:30 Close

End of formal proceedings for the day

## 18:30 Break for Dinner

## 20:00 Plugfest for night owls

## 22:00 Plugfest close

## **RDM/sACN Developers Conference/Plugfest : Thursday 27<sup>th</sup> April 2017**

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### **09:00 Registration**

- Tea/Coffee available in the foyer area of the Loxwood Suite, Gatwick Manor
- Technical area setup begins.

### **09:30 Introduction**

- Introduction and Welcome :
- Housekeeping :
- Etiquette :
- Recap from Wednesday

### **09:35 Hot Topics – Feed and Care of Sub Devices**

- Basic concepts
- Common errors
- Q&A

### **10:00 Hot Topics –Use and Abuse of Queued Messages**

- Basic Concepts
- Polling
- Issues with the Standard
- Use with Sub Devices
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### **10:30 Hot Topics – Manufacturer Specific Commands**

- A review of E137-1 commands
- A review of E137-5 commands
- Q&A

### **10:45 Hot Topics – Proxy Devices**

- What are they?
- Testing
- Challenges
- Q&A

### **11:00 Refreshments**

### **11:15 Art-Net 4 and ArtRDM**

- Differences to previous versions
- Testing of Art-Net implementations

### **12:00 Plugfest challenges – Open Forum**

- Open discussion of issues identified during plugfests past and present

### **13.00 Lunch**

- A buffet lunch is served in the foyer.
- Please feel free to talk to other developers and take a look around.

### **14.00 Hot Topics – E137-1 Dimmer Commands**

- A walkthrough the E137-1 additional command set with application examples

### **14.30 Hot Topics – E137-2 IP Config Commands**

- A walkthrough the E137-2 additional command set with application examples

- Subdevices
- Queued Messages
- Status Messages

## **15:00 Hot Topics – E137-4 Firmware uploads and File transfers**

- A walkthrough the E137-4 Draft standard
- Q&A

## **16:00 Refreshments and Plugfest Demonstrations**

- Tea/Coffee and time to look at how a plugfest operates

## **17:00 Summary and Conclusions**

- General Q& A
- Feedback RON BONNER

## **17:30 Close**

End of formal proceedings for the day

## **18:30 Break for Dinner**

## **20:00 Plugfest for night owls**

## **22:00 Plugfest close**

## **RDM/sACN Developers Conference/Plugfest : Friday 28<sup>th</sup> April 2017**

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### **09:00 Registration**

- Tea/Coffee available in the foyer area of the Loxwood Suite, Gatwick Manor
- Technical area setup begins.

### **09:15 Introduction**

- Introduction and Welcome :
- Housekeeping :
- Etiquette :
- Recap from Wednesday and Thursday

### **09:30 Plugfest Continues**

### **09:45 Open Discussion Sessions**

- Key Challenges for Controller Implementations
- The European Relationship with ESTA CPWG Standards- driving projects forwards
- Future of Plugfest

### **11:00 Refreshments**

### **11:15 Plugfest Continues**

### **13.00 Lunch**

- A buffet lunch is served in the foyer.
- Please feel free to talk to other developers and take a look around.

### **14:00 Plugfest Continues**

### **15:30 Summary and Conclusions**

- General Q& A
- Feedback [RON BONNER](#)

### **16:00 Close**

End of formal proceedings for the day