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# MERG Croydon Area Group



The Croydon Area Group was created in April 2022 and meets monthly at the Croydon Model Railway Society (CMRS) at its club house in South Croydon.

The format of meetings varies but include the following elements: -

- presentations on a variety of topics, recent presentations include DCC+, Sensors
- Demonstrations including mimic panels and automated shuttles
- beginners sessions
- sharing experience and skills
- assistance to members with kit construction issues
- implementing automated signals
- construction of a coal tipler
- learning about the application of JMRI and CBUS to automate layouts.

CMRS makes a number of test layouts available to allow experimentation and encourages participation in the application of electronics to club layouts.



The club is accessible on the following bus routes.

Number	Route	Via Stations
60	Streatham Station to Old Coulsdon	Coulsdon South Coulsdon Town West Croydon
166	West Croydon to Caterham	Coulsdon Town West Croydon
312	Norwood Junction to South Croydon Bus Garage	
407	Sutton Town Centre to Caterham Valley	West Croydon Whyteleafe South
466	Addington Village to Caterham-on-the-Hill	East Croydon

The following stations are nearby: -

- Purley Oaks (Walk to Brighton Road and take buses 60, 166, 407, 466. Be aware that not all trains between South Croydon and Purley, stop at Purley Oaks!)



- Sanderstead (15 minute walk)
- South Croydon (Walk to Swan and Sugar Loaf and take 60, 166, 312, 407, 60)

### How do I contact the Area Group



Please indicate Croydon Area Group in your message [Contact MERG](#)

### Who are the leader of the group?



John Martin

### Would you like to join today?

Not a member? then

[Join MERG Here](#)



and sign up to this Area Group. If you are already a member

[Join the Croydon Area Group](#)

Select **Croydon Area Group** from the drop down list in **Other Area Groups** and press the **Subscribe to Area Group** button.

### How do you meet?




The group will meet on the second Friday on each month at 19:00 at Croydon Model Railway Society in South Croydon.

### And the Next Meeting?

Date	Event	Description	Location	Link
19:00 10-Jul	Croydon Area Group - Anatomy of a PWM controller	Anatomy of a PWM Controller. This circuit uses a dual 555 and a number of transistors to create a controller. The discussion will focus on understanding how it works and how the design has evolved from a TH component board to an SMD version.	Croydon Model Railway Society	

### Local Links

 [Croydon Model Railway Society](#)

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