

Class 745

Electric Multiple Unit



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Scenario Creator's Manual

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Using in scenarios

To add the Class 745 to scenarios, apply `ATS > FLIRTPack01` using the `ObjectSetFilter`.

The following consists are provided:

ATS Class 745 - 745/0 'AI'

ATS Class 745 - 745/0 'FLIRT'

ATS Class 745 - 745/1 'AI'

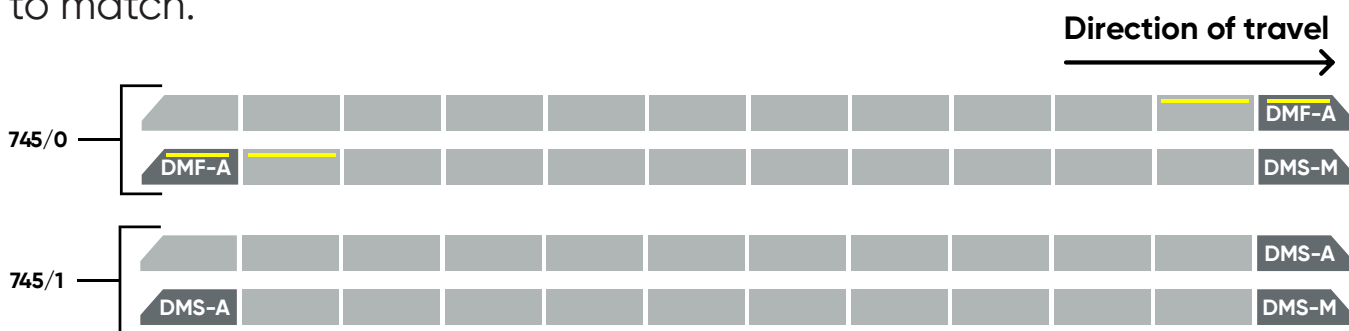
ATS Class 745 - 745/1 'FLIRT'

AI Consists are provided with reduced scripting, to aid performance in the simulator. You must only use the non-AI versions for the player train.

Rail Vehicle Numbering

You are able to control an array of features in the scenario editor by editing the unit number in the DMS/DMF vehicles.

If the leading coach of the train is DMS-A/DMF-A, you only need to edit the Rail Vehicle Number of this coach. If the opposite is true (DMS-M leading), you must edit both the DMS-A/DMF-A and DMS-M) to match.



Destination (Player and AI Units)

Set the destination with `;D=x`, using the codes on Page 4.

Day of service (Player Unit)

Set the day of the week for the service with `;Da=x`, in order to call the correct stopping pattern for announcements.

SX Monday to Friday

SO Saturday

SU Sunday

Warm/Cold Start (Player Unit)

For a Warm Start, use ;WS=1 and for Cold Start ;WS=0

GSM-R (Player Unit)

If set, the GSM-R will fail to connect to any other headcode or signal.

Example Rail Vehicle Number (Player Unit)

745005;**D=49**;**Da=SX**;**WS=1**;**GSMR=1P04319**;

745005 - Unit Number

;D=49 - Destination is Eccles Road

;Da=SX - Day of service is a weekday

;WS=1 - Start is set to warm

;GSMR=1P04319 - GSM-R will only connect with headcode 1P04 and signal ID 319

Example Rail Vehicle Number (AI Unit)

745008;**D=156**;Da=SX;WS=1;

745008 - Unit Number

;D=156 - Destination is Turkey Street

;Da=SX;WS=1; - Just leave these as they are

ID	Destination	60	Gidea Park	120	Rochford
1	Acle	61	Goodmayes	121	Romford
2	Alresford	62	Great Bentley	122	Roughton Road
3	Althorpe	63	Great Chesterford	123	Roydon
4	Angel Road	64	Great Yarmouth	124	Rye House
5	Attleborough	65	Gunton	125	Salhouse
6	Audley End	66	Hackney Downs	126	Sawbridgeworth
7	Battlesbridge	67	Haddiscoe	127	Saxmundham
8	Beccles	68	Halesworth	128	Shelford
9	Berney Arms	69	Harling Road	129	Shenfield
10	Bethnal Green	70	Harlow Mill	130	Sheringham
11	Billericay	71	Harlow Town	131	Shippea Hill
12	Bishops Stortford	72	Harold Wood	132	Silver Street
13	Broxbourne	73	Harwich International	133	Soham
14	Braintree	74	Harwich Town	134	Somerleyton
15	Braintree Freeport	75	Hatfield Peverel	135	South Woodham Ferrers
16	Brampton	76	Hertford East	136	Southbury
17	Brandon	77	Highams Park	137	Southend Airport
18	Brentwood	78	Hockley	138	Southend Victoria
19	Brimsdown	79	Hoveton & Wroxham	139	Southminster
20	Bruce Grove	80	Hythe	140	Spooner Row
21	Brundall	81	Ilford	141	St James Street
22	Brundall Gardens	82	Ingatestone	142	St Margarets
23	Buckenham	83	Ipswich	143	Stamford Hill
24	Bures	84	Kelvedon	144	Stansted Airport
25	Burnham On Crouch	85	Kennett	145	Stansted Mountfitchet
26	Bury St Edmunds	86	Kings Lynn	146	Stoke Newington
27	Bush Hill Park	87	Kirby Cross	147	Stowmarket
28	Cambridge	88	Lakenheath	148	Stratford
29	Cambridge Heath	89	Lea Bridge	149	Sudbury
30	Cambridge North	90	Lingwood	150	Theobalds Grove
31	Cantley	91	Littleport	151	Thetford
32	Chadwell Heath	92	London Fields	152	Thorpe-le-Soken
33	Chappel & Wakes Colne	93	London Liverpool Street	153	Thurston
34	Chelmsford	94	Lowestoft	154	Tottenham Hale
35	Cheshunt	95	Manea	155	Trimley
36	Chingford	96	Manningtree	156	Turkey Street
37	Clacton-On-Sea	97	Manor Park	157	Upminster
38	Clapton	98	March	158	Waltham Cross
39	Colchester	99	Marks Tey	159	Walthamston Central
40	Colchester town	100	Maryland	160	Walton-On-the-Naze
41	Cressing	101	Melton	161	Ware
42	Cromer	102	Meridian Water	162	Waterbeach
43	Darsham	103	Mistley	163	Watlington
44	Derby Road	104	Needham Market	164	Weeley
45	Diss	105	Newmarket	165	West Runton
46	Dovercourt	106	Newport	166	Westerfield
47	Downham Market	107	North Fambridge	167	White Hart Lane
48	Dullingham	108	North Walsham	168	White Notley
49	Eccles Road	109	Northumberland Park	169	Whittlesea
50	Edmonton Green	110	Norwich	170	Whittlesford Parkway
51	Elmswell	111	Not in Service	171	Wickford
52	Elsenham	112	Oulton Broad North	172	Wickham Market
53	Ely	113	Oulton Broad South	173	Witham
54	Emerson Park	114	Peterborough	174	Wivenhoe
55	Enfield Lock	115	Ponders End	175	Wood Street
56	Enfield Town	116	Prittlewell	176	Woodbridge
57	Felixstowe	117	Rayleigh	177	Worstead
58	Forest Gate	118	Rectory Road	178	Wrabness
59	Frinton-On-Sea	119	Reedham	179	Wymondham

Headcodes

Headcodes are intended for use with the player's train, and allow the ASDO and Announcement systems to function correctly (providing the external plugin is open before starting TS).

To set these up when driving, see the Full Manual.

SX + SO | 1P21, 1P25, 1P29, 1P33, 1P37, 1P41, 1P45, 1P49, 1P53, 1P61

SX Only | 1P65, 1P69

SO Only | 1P03, 1P07, 1P15

Norwich to London Liverpool Street

Norwich

Diss

Ipswich

Manningtree

Colchester

London Liverpool Street

SX Only | 1P57

SU Only | 1P13, 1P21

Norwich to London Liverpool Street

Norwich

Diss

Stowmarket

Ipswich

Manningtree

Colchester

London Liverpool Street

SU Only | 1P49, 1P53

Norwich to London Liverpool Street

Norwich

Diss

Stowmarket

Ipswich

Colchester

Stratford

London Liverpool Street

SX Only | 1P01, 1P03, 1P05, 1P07, 1P13, 1P15

SU Only | 1P19, 1P23, 1P27, 1P31, 1P35, 1P39, 1P43, 1P47, 1P51, 1P55, 1P59, 1P63, 1P67, 1P71

Norwich to London Liverpool Street

Norwich

Diss

Stowmarket

Ipswich

Manningtree

Colchester

Stratford

London Liverpool Street

SX + SO | 1P19, 1P23, 1P27, 1P31, 1P35, 1P39, 1P43, 1P47, 1P51, 1P55, 1P59, 1P63, 1P67, 1P71

SO Only | 1P01, 1P05, 1P13

Norwich to London Liverpool Street

Norwich

Diss

Stowmarket

Ipswich

Manningtree

Colchester

Chelmsford

Stratford

London Liverpool Street

SX, SO + SU | 1P73

Norwich to London Liverpool Street

Norwich

Diss

Stowmarket

Ipswich

Manningtree

Colchester

Witham

Chelmsford

Shenfield

Stratford

London Liverpool Street

SX Only | 1P46

London Liverpool Street to Norwich

London Liverpool Street

Manningtree

Ipswich

Stowmarket

Diss

Norwich

SX + SO | 1P10, 1P14, 1P18, 1P22, 1P26, 1P30, 1P34, 1P38

SO Only | 1P46, 1P58, 1P62

London Liverpool Street to Norwich

London Liverpool Street

Colchester

Manningtree

Ipswich

Diss

Norwich

SX + SO | 1P42, 1P50

SO + SU | 1P54

SX + SU | 1P58

SX Only | 1P44, 1P52, 1P56, 1P60, 1P62, 1P66

SO Only | 1P06

London Liverpool Street to Norwich

London Liverpool Street

Colchester

Manningtree

Ipswich

Stowmarket

Diss

Norwich

SX + SO | 1P02

SX Only | 1P08, 1P40

London Liverpool Street to Norwich

London Liverpool Street

Chelmsford

Colchester

Manningtree

Ipswich

Stowmarket

Diss

Norwich

SX + SO | 1P04, 1P12, 1P16, 1P20, 1P24, 1P28, 1P32, 1P36, 1P64, 1P68, 1P70

SX, SO + SU | 1P72

SO Only | 1P08, 1P40, 1P44, 1P56, 1P60

London Liverpool Street to Norwich

London Liverpool Street

Stratford

Chelmsford

Colchester

Manningtree

Ipswich

Stowmarket

Diss

Norwich

SX Only | 1P06

London Liverpool Street to Norwich

London Liverpool Street

Shenfield

Colchester

Manningtree

Ipswich

Stowmarket

Diss

Norwich

SO Only | 1P04

London Liverpool Street to Norwich

London Liverpool Street

Stratford

Chelmsford

Colchester

Manningtree

Ipswich

Diss

Norwich

SU Only | 1P12, 1P16, 1P20, 1P24, 1P28, 1P32, 1P36, 1P40, 1P44, 1P50, 1P56, 1P60, 1P64, 1P68, 1P70

London Liverpool Street to Norwich

London Liverpool Street

Stratford

Colchester

Manningtree

Ipswich

Stowmarket

Diss

Norwich



Credits

Gü Studios – Modelling, Texturing and Animations

AND Games – Scripting, Modelling, Texturing, Animations, Sounds...
practically everything. A true genius.

Yatesy Simulation – Source, Tutorials and Project Management

Clowes – TCMS Graphics, Source, Destinations & Typesetting

MaxTracks – Sounds

Anthony Wood – Sounds

Kieran Wright – External Plugin

Richard Fletcher – Scenarios

Alan Thomson – Inspiration, Patience

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