



G00002

11 June 2003

ABSTRACT



162162

A diversity receiving apparatus separately
5 weights reception signals of a plurality of reception
systems using combining coefficients based on a
respective amplitude component of each reception signal
and combines the weighted reception signals. The
diversity receiving apparatus extracts symbol sections in
10 the combined reception signals, and generates a clock for
detecting symbols. The diversity receiving apparatus
includes a converting unit 314 for uniformly multiplying
the combining coefficients if every combining coefficient
is below a predetermined threshold and I component ROMs,
15 Q component ROMs, an I component adder 325 and a Q
component adder 326 that combine the reception signals
using the multiplied combining coefficients.